

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035602.D
 Acq On : 11 May 2023 11:47
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Quant Time: May 11 13:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	212415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	374767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78205	21.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	42.200%#		
35) Dibromofluoromethane	5.385	113	53175	21.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.080%#		
50) Toluene-d8	8.647	98	199579	21.375	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.760%#		
62) 4-Bromofluorobenzene	11.079	95	79741	21.211	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.420%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	64671	23.361	ug/l	99
3) Chloromethane	1.295	50	71461	21.271	ug/l	99
4) Vinyl Chloride	1.374	62	64389	22.584	ug/l	98
5) Bromomethane	1.618	94	33711	21.832	ug/l	97
6) Chloroethane	1.691	64	38758	22.409	ug/l	97
7) Trichlorofluoromethane	1.886	101	96851	23.103	ug/l	97
8) Diethyl Ether	2.130	74	35765	22.158	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	57892	23.260	ug/l	96
10) Methyl Iodide	2.453	142	45791	20.571	ug/l	91
11) Tert butyl alcohol	3.002	59	74832m	114.759	ug/l	
12) 1,1-Dichloroethene	2.319	96	53241	22.507	ug/l	85
13) Acrolein	2.240	56	88776	115.637	ug/l	100
14) Allyl chloride	2.666	41	110165	21.738	ug/l	94
15) Acrylonitrile	3.069	53	159927	111.089	ug/l	98
16) Acetone	2.392	43	178390	112.006	ug/l	94
17) Carbon Disulfide	2.514	76	123376	21.611	ug/l	100
18) Methyl Acetate	2.703	43	131208	22.338	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	206184	21.904	ug/l	98
20) Methylene Chloride	2.788	84	61819	21.417	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58000	22.376	ug/l	94
22) Diisopropyl ether	3.758	45	217696	21.940	ug/l	94
23) Vinyl Acetate	3.721	43	779604	111.043	ug/l	97
24) 1,1-Dichloroethane	3.611	63	116792	22.009	ug/l	100
25) 2-Butanone	4.562	43	245858	111.511	ug/l	98
26) 2,2-Dichloropropane	4.477	77	99077	22.047	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68066	21.844	ug/l	94
28) Bromochloromethane	4.898	49	55373	23.199	ug/l	95
29) Tetrahydrofuran	5.007	42	153538	110.789	ug/l	99
30) Chloroform	5.093	83	119165	21.914	ug/l	96
31) Cyclohexane	5.471	56	106774	22.806	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	104047	21.991	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89928	22.542	ug/l	97
37) Ethyl Acetate	4.715	43	92584	22.250	ug/l	99
38) Carbon Tetrachloride	5.678	117	84544	22.371	ug/l	97
39) Methylcyclohexane	7.379	83	107011	22.787	ug/l	93
40) Benzene	6.038	78	249148	22.324	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035602.D
 Acq On : 11 May 2023 11:47
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 11 13:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53345	21.592	ug/l	96
42) 1,2-Dichloroethane	6.086	62	104900	21.850	ug/l	97
43) Isopropyl Acetate	6.336	43	157606	21.721	ug/l	99
44) Trichloroethene	7.129	130	61426	21.706	ug/l	94
45) 1,2-Dichloropropane	7.428	63	65987	22.324	ug/l	97
46) Dibromomethane	7.580	93	44483	21.986	ug/l	94
47) Bromodichloromethane	7.824	83	85871	21.958	ug/l	97
48) Methyl methacrylate	7.690	41	78758	21.994	ug/l	96
49) 1,4-Dioxane	7.714	88	33377	438.232	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	475713	113.800	ug/l	98
52) Toluene	8.720	92	153909	21.847	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93578	22.025	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100367	22.048	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	60539	21.879	ug/l	97
56) Ethyl methacrylate	9.116	69	97094	21.668	ug/l	96
57) 1,3-Dichloropropane	9.305	76	109899	21.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	262085	114.974	ug/l	100
59) 2-Hexanone	9.427	43	362272	115.075	ug/l	97
60) Dibromochloromethane	9.519	129	56716	21.503	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63878	21.911	ug/l	99
64) Tetrachloroethene	9.275	164	49521	22.189	ug/l	94
65) Chlorobenzene	10.080	112	160368	22.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56088	21.921	ug/l	99
67) Ethyl Benzene	10.195	91	302988	22.263	ug/l	98
68) m/p-Xylenes	10.299	106	224560	44.640	ug/l	95
69) o-Xylene	10.640	106	109650	21.966	ug/l	92
70) Styrene	10.653	104	177846	22.106	ug/l	97
71) Bromoform	10.799	173	34400	20.434	ug/l	99
73) Isopropylbenzene	10.964	105	292929	22.664	ug/l	99
74) N-amyl acetate	10.842	43	132505	21.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	94160	22.458	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91156m	24.810	ug/l	
77) Bromobenzene	11.195	156	64184	21.879	ug/l	92
78) n-propylbenzene	11.305	91	346174	22.785	ug/l	98
79) 2-Chlorotoluene	11.360	91	210265	22.105	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	249486	22.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24121	20.720	ug/l #	85
82) 4-Chlorotoluene	11.451	91	247586	22.601	ug/l	96
83) tert-Butylbenzene	11.713	119	238498	22.336	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	246557	22.353	ug/l	97
85) sec-Butylbenzene	11.890	105	303533	22.640	ug/l	99
86) p-Isopropyltoluene	12.006	119	250250	22.704	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	122447	21.972	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122950	21.849	ug/l	98
89) n-Butylbenzene	12.329	91	223351	22.276	ug/l	98
90) Hexachloroethane	12.536	117	35389	21.183	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	120181	22.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20445	21.898	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	74015	22.525	ug/l	98
94) Hexachlorobutadiene	13.725	225	28999	22.234	ug/l	97
95) Naphthalene	13.774	128	257981	22.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71576	22.148	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
Data File : VX035602.D
Acq On : 11 May 2023 11:47
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 11 13:28:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:25:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035602.D
 Acq On : 11 May 2023 11:47
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Quant Time: May 11 13:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

