

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031914.D
 Acq On : 06 Oct 2022 12:12
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 06 13:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	98855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25232	24.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	49.560%#		
35) Dibromofluoromethane	5.391	113	21681	19.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%#		
50) Toluene-d8	8.653	98	77589	20.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.080%#		
62) 4-Bromofluorobenzene	11.079	95	27477	19.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19297	24.918	ug/l	95
3) Chloromethane	1.288	50	18941	26.935	ug/l	97
4) Vinyl Chloride	1.374	62	23004	25.883	ug/l	97
5) Bromomethane	1.611	94	16331	20.678	ug/l	97
6) Chloroethane	1.685	64	17138	22.313	ug/l	100
7) Trichlorofluoromethane	1.886	101	40275	22.411	ug/l	98
8) Diethyl Ether	2.130	74	14328	23.333	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	20135	22.991	ug/l	91
10) Methyl Iodide	2.453	142	17554	20.241	ug/l	98
11) Tert butyl alcohol	2.995	59	15522m	100.863	ug/l	
12) 1,1-Dichloroethene	2.319	96	18826	22.727	ug/l	84
13) Acrolein	2.239	56	10036	111.057	ug/l	93
14) Allyl chloride	2.666	41	26829	29.208	ug/l	96
15) Acrylonitrile	3.068	53	52946	138.751	ug/l	98
16) Acetone	2.392	43	43375	143.862	ug/l	93
17) Carbon Disulfide	2.514	76	38223	23.137	ug/l	98
18) Methyl Acetate	2.709	43	29664	29.972	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	63364	24.585	ug/l	100
20) Methylene Chloride	2.788	84	22097	23.183	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	20451	22.182	ug/l #	92
22) Diisopropyl ether	3.763	45	60755	28.361	ug/l	94
23) Vinyl Acetate	3.721	43	232037	145.525	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	36345	25.673	ug/l	99
25) 2-Butanone	4.568	43	70455	146.055	ug/l	96
26) 2,2-Dichloropropane	4.477	77	26006	24.554	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24432	22.554	ug/l	89
28) Bromochloromethane	4.904	49	16430	28.579	ug/l #	82
29) Tetrahydrofuran	5.013	42	45540	150.511	ug/l	92
30) Chloroform	5.099	83	40708	23.874	ug/l	99
31) Cyclohexane	5.471	56	30678	25.482	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	34150	22.934	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27647	21.285	ug/l	97
37) Ethyl Acetate	4.715	43	28751	27.561	ug/l	99
38) Carbon Tetrachloride	5.684	117	29473	19.698	ug/l	96
39) Methylcyclohexane	7.379	83	33758	20.450	ug/l	90
40) Benzene	6.037	78	84348	21.661	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031914.D
 Acq On : 06 Oct 2022 12:12
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15062	27.733	ug/l	94
42) 1,2-Dichloroethane	6.086	62	31211	23.686	ug/l	97
43) Isopropyl Acetate	6.342	43	42192	26.414	ug/l	97
44) Trichloroethene	7.129	130	24307	18.884	ug/l	92
45) 1,2-Dichloropropane	7.434	63	20729	23.454	ug/l	93
46) Dibromomethane	7.580	93	16041	21.090	ug/l	93
47) Bromodichloromethane	7.824	83	29040	22.191	ug/l	99
48) Methyl methacrylate	7.696	41	20640	27.026	ug/l	95
49) 1,4-Dioxane	7.696	88	10928	456.269	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	144082	133.837	ug/l	96
52) Toluene	8.720	92	56013	20.551	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	27446	23.001	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	31343	22.878	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	23080	20.621	ug/l	96
56) Ethyl methacrylate	9.116	69	31213	23.569	ug/l	93
57) 1,3-Dichloropropane	9.311	76	37724	22.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80503	120.961	ug/l	95
59) 2-Hexanone	9.433	43	107238	137.076	ug/l	96
60) Dibromochloromethane	9.525	129	22161	19.977	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24553	20.828	ug/l	99
64) Tetrachloroethene	9.275	164	23422	18.047	ug/l	98
65) Chlorobenzene	10.079	112	62719	20.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22068	20.634	ug/l	100
67) Ethyl Benzene	10.195	91	107617	21.609	ug/l	99
68) m/p-Xylenes	10.299	106	85928	41.347	ug/l	98
69) o-Xylene	10.640	106	41987	20.576	ug/l	97
70) Styrene	10.659	104	67869	21.097	ug/l	98
71) Bromoform	10.799	173	14736	19.086	ug/l #	99
73) Isopropylbenzene	10.963	105	108983	21.589	ug/l	100
74) N-amyl acetate	10.848	43	34183	28.427	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	34394	24.062	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29712m	24.738	ug/l	
77) Bromobenzene	11.201	156	26927	20.072	ug/l	94
78) n-propylbenzene	11.305	91	125206	22.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	74951	22.625	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92269	22.024	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6674	22.004	ug/l #	79
82) 4-Chlorotoluene	11.457	91	85407	22.498	ug/l	98
83) tert-Butylbenzene	11.713	119	88496	21.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	92846	22.189	ug/l	98
85) sec-Butylbenzene	11.890	105	114303	22.436	ug/l	99
86) p-Isopropyltoluene	12.012	119	94895	21.299	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51765	20.381	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	51624	19.747	ug/l	98
89) n-Butylbenzene	12.335	91	77708	22.865	ug/l	98
90) Hexachloroethane	12.536	117	13756	22.831	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	50850	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6849	26.675	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	31085	19.460	ug/l	97
94) Hexachlorobutadiene	13.725	225	12050	18.677	ug/l	97
95) Naphthalene	13.774	128	111140	21.638	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31878	19.823	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
Data File : VX031914.D
Acq On : 06 Oct 2022 12:12
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:13:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 13:10:59 2022
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

[illegible]