

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032971.D
 Acq On : 22 Nov 2022 10:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 22 11:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	133100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64839	35.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	70.120%#		
35) Dibromofluoromethane	5.385	113	55520	37.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	75.300%		
50) Toluene-d8	8.647	98	173735	33.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	67.760%#		
62) 4-Bromofluorobenzene	11.079	95	76032	37.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	75.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48861	31.829	ug/l	99
3) Chloromethane	1.294	50	51714	39.834	ug/l	100
4) Vinyl Chloride	1.374	62	59256	41.473	ug/l	99
5) Bromomethane	1.618	94	42235	36.990	ug/l	95
6) Chloroethane	1.691	64	50313	52.490	ug/l	100
7) Trichlorofluoromethane	1.892	101	115384	42.620	ug/l	99
8) Diethyl Ether	2.136	74	36533	41.642	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	61982	43.378	ug/l	99
10) Methyl Iodide	2.453	142	76451	51.476	ug/l	100
11) Tert butyl alcohol	3.014	59	51046m	189.637	ug/l	
12) 1,1-Dichloroethene	2.319	96	57869	43.354	ug/l	93
13) Acrolein	2.239	56	56305	209.530	ug/l	100
14) Allyl chloride	2.666	41	94339	44.337	ug/l	99
15) Acrylonitrile	3.069	53	142476	195.032	ug/l	98
16) Acetone	2.392	43	150963	224.591	ug/l	95
17) Carbon Disulfide	2.514	76	153183	48.181	ug/l	99
18) Methyl Acetate	2.709	43	81206	37.151	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	203616	43.401	ug/l	97
20) Methylene Chloride	2.788	84	64782	42.035	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	65083	44.794	ug/l	97
22) Diisopropyl ether	3.757	45	213066	46.294	ug/l #	88
23) Vinyl Acetate	3.721	43	837722	225.292	ug/l	100
24) 1,1-Dichloroethane	3.611	63	115810	43.747	ug/l	99
25) 2-Butanone	4.562	43	209518	201.193	ug/l	97
26) 2,2-Dichloropropane	4.477	77	96658	45.932	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	77357	46.061	ug/l	99
28) Bromochloromethane	4.897	49	52395	55.565	ug/l	100
29) Tetrahydrofuran	5.013	42	130430	196.417	ug/l	100
30) Chloroform	5.093	83	133548	45.974	ug/l	98
31) Cyclohexane	5.471	56	106832	47.643	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	120918	46.387	ug/l	100
36) 1,1-Dichloropropene	5.690	75	95432	46.470	ug/l	99
37) Ethyl Acetate	4.715	43	83698	39.155	ug/l	98
38) Carbon Tetrachloride	5.678	117	106555	46.781	ug/l	98
39) Methylcyclohexane	7.379	83	109697	45.148	ug/l	98
40) Benzene	6.037	78	268907	46.273	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032971.D
 Acq On : 22 Nov 2022 10:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 22 11:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47196	43.341	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109263	45.995	ug/l	100
43) Isopropyl Acetate	6.342	43	139506	42.505	ug/l	100
44) Trichloroethene	7.123	130	76400	46.701	ug/l	99
45) 1,2-Dichloropropane	7.434	63	67774	45.432	ug/l	99
46) Dibromomethane	7.580	93	51559	45.067	ug/l	99
47) Bromodichloromethane	7.824	83	102740	47.383	ug/l	100
48) Methyl methacrylate	7.690	41	71701	42.299	ug/l	98
49) 1,4-Dioxane	7.714	88	26136	809.063	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	433975	209.921	ug/l	100
52) Toluene	8.720	92	179857	47.437	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107459	48.573	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	113472	47.954	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	71577	44.826	ug/l	100
56) Ethyl methacrylate	9.116	69	106263	46.245	ug/l	99
57) 1,3-Dichloropropane	9.311	76	117503	45.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238799	215.827	ug/l	100
59) 2-Hexanone	9.433	43	328828	214.363	ug/l	99
60) Dibromochloromethane	9.519	129	82317	47.198	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78145	46.188	ug/l	99
64) Tetrachloroethene	9.275	164	67197	47.891	ug/l	96
65) Chlorobenzene	10.079	112	194271	45.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73581	45.528	ug/l	99
67) Ethyl Benzene	10.195	91	359211	46.778	ug/l	100
68) m/p-Xylenes	10.299	106	279128	93.609	ug/l	99
69) o-Xylene	10.640	106	136239	46.993	ug/l	98
70) Styrene	10.659	104	230498	47.839	ug/l	99
71) Bromoform	10.799	173	58086	45.457	ug/l #	99
73) Isopropylbenzene	10.963	105	365224	44.889	ug/l	100
74) N-amyl acetate	10.842	43	131007	42.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107734	41.252	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95736m	41.911	ug/l	
77) Bromobenzene	11.201	156	88547	44.392	ug/l	99
78) n-propylbenzene	11.305	91	426353	45.482	ug/l	100
79) 2-Chlorotoluene	11.366	91	251365	44.775	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	315154	45.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30672	42.726	ug/l	99
82) 4-Chlorotoluene	11.457	91	298598	45.455	ug/l	100
83) tert-Butylbenzene	11.713	119	310574	44.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314604	45.488	ug/l	100
85) sec-Butylbenzene	11.890	105	376710	45.096	ug/l	100
86) p-Isopropyltoluene	12.012	119	321832	45.403	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	165892	44.089	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	170957	43.796	ug/l	99
89) n-Butylbenzene	12.335	91	277747	45.040	ug/l	100
90) Hexachloroethane	12.536	117	51418	44.410	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	164239	44.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22885	39.966	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	101145	41.811	ug/l	99
94) Hexachlorobutadiene	13.725	225	42193	41.762	ug/l	100
95) Naphthalene	13.774	128	331760	41.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101739	41.373	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032971.D
Acq On : 22 Nov 2022 10:38
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 22 11:29:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 10:04:48 2022
Response via : Initial Calibration

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

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

