

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043347.D
 Acq On : 10 Oct 2024 12:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:40:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76114	50.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	5.385	113	54655	48.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	179277	45.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.140%			
62) 4-Bromofluorobenzene	11.079	95	68105	47.654	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49987	46.254	ug/l	97
3) Chloromethane	1.295	50	53501	48.068	ug/l	98
4) Vinyl Chloride	1.374	62	53232	47.747	ug/l	98
5) Bromomethane	1.599	94	23711	52.057	ug/l	100
6) Chloroethane	1.666	64	19865	47.848	ug/l	99
7) Trichlorofluoromethane	1.868	101	77414	46.473	ug/l	99
8) Diethyl Ether	2.136	74	35440	54.671	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	50665	48.739	ug/l	99
10) Methyl Iodide	2.441	142	63938	48.970	ug/l	99
11) Tert butyl alcohol	3.002	59	85464	295.983	ug/l	99
12) 1,1-Dichloroethene	2.307	96	47802	46.308	ug/l	96
13) Acrolein	2.240	56	62630	229.649	ug/l	100
14) Allyl chloride	2.654	41	83800	49.413	ug/l	99
15) Acrylonitrile	3.069	53	158776	269.293	ug/l	100
16) Acetone	2.392	43	188597	297.630	ug/l	99
17) Carbon Disulfide	2.502	76	117072	46.627	ug/l	98
18) Methyl Acetate	2.709	43	78502	49.384	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	203745	55.169	ug/l	99
20) Methylene Chloride	2.782	84	58902	50.415	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	52624	51.223	ug/l	98
22) Diisopropyl ether	3.764	45	184078	53.964	ug/l	89
23) Vinyl Acetate	3.721	43	865134	221.571	ug/l	100
24) 1,1-Dichloroethane	3.605	63	104761	52.717	ug/l	99
25) 2-Butanone	4.562	43	243934	280.759	ug/l	98
26) 2,2-Dichloropropane	4.471	77	96853	51.225	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	66910	52.222	ug/l	99
28) Bromochloromethane	4.891	49	45985	58.655	ug/l	99
29) Tetrahydrofuran	5.007	42	146028	263.832	ug/l	100
30) Chloroform	5.087	83	113102	51.827	ug/l	97
31) Cyclohexane	5.458	56	79142	48.337	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	98923	49.351	ug/l	99
36) 1,1-Dichloropropene	5.684	75	69733	48.625	ug/l	99
37) Ethyl Acetate	4.715	43	92657	53.802	ug/l	99
38) Carbon Tetrachloride	5.666	117	82634	48.674	ug/l	97
39) Methylcyclohexane	7.373	83	89442	49.589	ug/l	98
40) Benzene	6.032	78	220319	50.672	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043347.D
 Acq On : 10 Oct 2024 12:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:40:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50189	55.985	ug/l	100
42) 1,2-Dichloroethane	6.080	62	96272	54.336	ug/l	100
43) Isopropyl Acetate	6.342	43	152511	53.615	ug/l	100
44) Trichloroethene	7.117	130	56437	48.937	ug/l	95
45) 1,2-Dichloropropane	7.428	63	55637	52.142	ug/l	100
46) Dibromomethane	7.574	93	46207	54.041	ug/l	100
47) Bromodichloromethane	7.818	83	87913	52.298	ug/l	100
48) Methyl methacrylate	7.690	41	74604	53.453	ug/l	99
49) 1,4-Dioxane	7.665	88	28760	1060.051	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	466978	270.300	ug/l	100
52) Toluene	8.714	92	135760	49.819	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90470	54.160	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	95796	53.470	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	56723	52.377	ug/l	99
56) Ethyl methacrylate	9.116	69	97588	55.116	ug/l	100
57) 1,3-Dichloropropane	9.305	76	97569	52.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	206000	258.116	ug/l	100
59) 2-Hexanone	9.427	43	356728	273.049	ug/l	100
60) Dibromochloromethane	9.519	129	64602	51.419	ug/l	98
61) 1,2-Dibromoethane	9.610	107	61168	52.569	ug/l	100
64) Tetrachloroethene	9.269	164	47647	48.299	ug/l	91
65) Chlorobenzene	10.080	112	151881	49.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55744	51.577	ug/l	99
67) Ethyl Benzene	10.189	91	258913	49.008	ug/l	99
68) m/p-Xylenes	10.299	106	194382	97.359	ug/l	99
69) o-Xylene	10.640	106	96398	48.589	ug/l	100
70) Styrene	10.653	104	165969	51.619	ug/l	100
71) Bromoform	10.799	173	43604	52.666	ug/l #	99
73) Isopropylbenzene	10.957	105	246285	46.104	ug/l	99
74) N-amyl acetate	10.842	43	129299	50.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	87457	50.256	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75136m	49.301	ug/l	
77) Bromobenzene	11.195	156	62637	48.183	ug/l	100
78) n-propylbenzene	11.305	91	280190	47.779	ug/l	100
79) 2-Chlorotoluene	11.366	91	177122	46.980	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	209817	47.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29255	49.749	ug/l	94
82) 4-Chlorotoluene	11.451	91	206668	48.120	ug/l	100
83) tert-Butylbenzene	11.713	119	209240	46.090	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	213218	48.090	ug/l	99
85) sec-Butylbenzene	11.890	105	253437	47.092	ug/l	100
86) p-Isopropyltoluene	12.006	119	215590	48.015	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	112240	49.013	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	112311	47.570	ug/l	100
89) n-Butylbenzene	12.329	91	187204	49.801	ug/l	99
90) Hexachloroethane	12.536	117	39555	46.973	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	113687	48.544	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21275	50.072	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	69491	51.470	ug/l	99
94) Hexachlorobutadiene	13.725	225	26954	50.360	ug/l	99
95) Naphthalene	13.774	128	254004	51.176	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73063	52.450	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
Data File : VX043347.D
Acq On : 10 Oct 2024 12:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:40:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Oct 11 01:40:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

