

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028966.D
 Acq On : 25 May 2022 22:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:48:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	233079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162444	50.844	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.680%			
35) Dibromofluoromethane	5.385	113	135915	52.971	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.940%			
50) Toluene-d8	8.653	98	487045	50.347	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.079	95	197632	54.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	142727	46.766	ug/l	99
3) Chloromethane	1.288	50	128424	44.682	ug/l	99
4) Vinyl Chloride	1.374	62	141069	45.544	ug/l	100
5) Bromomethane	1.599	94	126181	58.556	ug/l	99
6) Chloroethane	1.672	64	93969	48.076	ug/l	98
7) Trichlorofluoromethane	1.880	101	225274	45.618	ug/l	98
8) Diethyl Ether	2.136	74	84882	47.173	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	129993	50.023	ug/l	98
10) Methyl Iodide	2.453	142	158108	50.819	ug/l	95
11) Tert butyl alcohol	2.995	59	215255	319.690	ug/l	96
12) 1,1-Dichloroethene	2.319	96	120277	49.861	ug/l	97
13) Acrolein	2.233	56	121093	230.910	ug/l	98
14) Allyl chloride	2.660	41	195191	50.451	ug/l	95
15) Acrylonitrile	3.062	53	412352	267.874	ug/l	100
16) Acetone	2.380	43	348671	254.281	ug/l	94
17) Carbon Disulfide	2.508	76	250999	40.140	ug/l	100
18) Methyl Acetate	2.703	43	190179	55.376	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	477150	55.740	ug/l	98
20) Methylene Chloride	2.788	84	144152	50.110	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	133203	49.023	ug/l	96
22) Diisopropyl ether	3.764	45	433036	52.376	ug/l	95
23) Vinyl Acetate	3.721	43	1850983	259.694	ug/l	98
24) 1,1-Dichloroethane	3.611	63	251986	52.425	ug/l	99
25) 2-Butanone	4.556	43	555295	257.995	ug/l	99
26) 2,2-Dichloropropane	4.477	77	178390	47.335	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	166121	52.346	ug/l	96
28) Bromochloromethane	4.897	49	97084	47.986	ug/l	99
29) Tetrahydrofuran	5.007	42	356183	254.588	ug/l	95
30) Chloroform	5.099	83	279853	53.797	ug/l	99
31) Cyclohexane	5.471	56	203710	45.935	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	244261	53.786	ug/l	99
36) 1,1-Dichloropropene	5.696	75	190355	49.393	ug/l	99
37) Ethyl Acetate	4.715	43	211856	52.631	ug/l	99
38) Carbon Tetrachloride	5.678	117	207785	53.574	ug/l	99
39) Methylcyclohexane	7.385	83	218372	49.409	ug/l	98
40) Benzene	6.037	78	572242	51.665	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028966.D
 Acq On : 25 May 2022 22:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:48:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	119393	55.319	ug/l	94
42) 1,2-Dichloroethane	6.086	62	216300	52.944	ug/l	99
43) Isopropyl Acetate	6.342	43	334168	53.065	ug/l	97
44) Trichloroethene	7.129	130	160218	53.337	ug/l	98
45) 1,2-Dichloropropane	7.434	63	148593	53.771	ug/l	96
46) Dibromomethane	7.580	93	107032	51.864	ug/l	95
47) Bromodichloromethane	7.824	83	210958	55.060	ug/l	97
48) Methyl methacrylate	7.696	41	163870	53.868	ug/l	93
49) 1,4-Dioxane	7.671	88	79172	1041.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1116527	269.171	ug/l	97
52) Toluene	8.720	92	375344	52.681	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	217792	49.402	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	237342	55.053	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	162304	55.864	ug/l	98
56) Ethyl methacrylate	9.116	69	249799	56.777	ug/l	92
57) 1,3-Dichloropropane	9.311	76	265644	54.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	576964	267.856	ug/l	97
59) 2-Hexanone	9.433	43	877979	272.435	ug/l	94
60) Dibromochloromethane	9.525	129	166690	58.829	ug/l	97
61) 1,2-Dibromoethane	9.610	107	169692	55.610	ug/l	100
64) Tetrachloroethene	9.275	164	141415	52.629	ug/l	97
65) Chlorobenzene	10.079	112	416317	55.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	158213	59.168	ug/l	99
67) Ethyl Benzene	10.195	91	732462	54.136	ug/l	100
68) m/p-Xylenes	10.305	106	572787	108.738	ug/l	100
69) o-Xylene	10.640	106	282263	54.426	ug/l	99
70) Styrene	10.659	104	484549	57.533	ug/l	98
71) Bromoform	10.799	173	120115	54.050	ug/l #	99
73) Isopropylbenzene	10.963	105	754334	52.607	ug/l	99
74) N-amyl acetate	10.848	43	290886	51.607	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	260661	52.989	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	238849m	53.939	ug/l	
77) Bromobenzene	11.201	156	184006	54.235	ug/l	96
78) n-propylbenzene	11.305	91	857456	51.697	ug/l	99
79) 2-Chlorotoluene	11.366	91	528623	52.000	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	644340	53.929	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69746	47.221	ug/l	88
82) 4-Chlorotoluene	11.457	91	612962	52.156	ug/l	100
83) tert-Butylbenzene	11.713	119	654626	56.589	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	650524	54.295	ug/l	100
85) sec-Butylbenzene	11.890	105	794521	55.680	ug/l	100
86) p-Isopropyltoluene	12.012	119	680576	56.839	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	358182	53.824	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	364487	52.805	ug/l	98
89) n-Butylbenzene	12.335	91	566671	54.621	ug/l	99
90) Hexachloroethane	12.542	117	109409	56.503	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	355714	54.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59910	57.037	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	221246	58.596	ug/l	98
94) Hexachlorobutadiene	13.725	225	92473	60.285	ug/l	94
95) Naphthalene	13.774	128	794054	59.098	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	219795	57.959	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028966.D
Acq On : 25 May 2022 22:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:48:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

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

