

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030290.D
 Acq On : 29 Jul 2022 09:59
 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 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 04:50:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164460	52.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	5.391	113	132024	52.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.653	98	503324	51.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.085	95	192334	52.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131424	51.369	ug/l	96
3) Chloromethane	1.288	50	111817	44.197	ug/l	97
4) Vinyl Chloride	1.374	62	125007	48.955	ug/l	99
5) Bromomethane	1.605	94	52741	60.046	ug/l	97
6) Chloroethane	1.679	64	74960	51.126	ug/l	99
7) Trichlorofluoromethane	1.880	101	174179	51.774	ug/l	97
8) Diethyl Ether	2.136	74	67796	51.462	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	129141	51.826	ug/l	99
10) Methyl Iodide	2.453	142	100676	41.717	ug/l	96
11) Tert butyl alcohol	2.989	59	208713	273.032	ug/l	100
12) 1,1-Dichloroethene	2.319	96	124815	51.245	ug/l	91
13) Acrolein	2.239	56	55355	294.620	ug/l	100
14) Allyl chloride	2.666	41	260606	51.851	ug/l	98
15) Acrylonitrile	3.068	53	487064	257.834	ug/l	98
16) Acetone	2.386	43	457621	285.223	ug/l	95
17) Carbon Disulfide	2.508	76	300619	45.723	ug/l	98
18) Methyl Acetate	2.709	43	246841	52.014	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	455542	54.601	ug/l	100
20) Methylene Chloride	2.788	84	145741	53.156	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	133288	49.579	ug/l	97
22) Diisopropyl ether	3.764	45	525687	55.280	ug/l	90
23) Vinyl Acetate	3.727	43	2281712	276.602	ug/l	98
24) 1,1-Dichloroethane	3.611	63	264569	52.357	ug/l	99
25) 2-Butanone	4.562	43	736436	273.145	ug/l	96
26) 2,2-Dichloropropane	4.483	77	205616	56.272	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	163213	51.627	ug/l	93
28) Bromochloromethane	4.904	49	112341	52.624	ug/l	93
29) Tetrahydrofuran	5.013	42	468612	258.322	ug/l	94
30) Chloroform	5.099	83	264505	52.867	ug/l	100
31) Cyclohexane	5.471	56	234997	51.647	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	215695	53.037	ug/l	99
36) 1,1-Dichloropropene	5.690	75	192236	52.885	ug/l	97
37) Ethyl Acetate	4.715	43	267863	52.037	ug/l	97
38) Carbon Tetrachloride	5.678	117	178253	52.528	ug/l	98
39) Methylcyclohexane	7.385	83	241402	51.450	ug/l	94
40) Benzene	6.037	78	586686	51.298	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030290.D
 Acq On : 29 Jul 2022 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 04:50:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146742	53.181	ug/l	96
42) 1,2-Dichloroethane	6.092	62	206344	52.214	ug/l	97
43) Isopropyl Acetate	6.342	43	408234	54.099	ug/l	97
44) Trichloroethene	7.129	130	154768	49.525	ug/l	98
45) 1,2-Dichloropropane	7.434	63	160922	52.755	ug/l	96
46) Dibromomethane	7.586	93	102515	49.419	ug/l	97
47) Bromodichloromethane	7.824	83	201893	53.538	ug/l	99
48) Methyl methacrylate	7.696	41	202859	54.617	ug/l	94
49) 1,4-Dioxane	7.671	88	82254	958.829	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1356854	264.858	ug/l	97
52) Toluene	8.720	92	361538	51.813	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	225583	55.494	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	243113	54.881	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	151008	50.829	ug/l	97
56) Ethyl methacrylate	9.116	69	255729	54.451	ug/l	94
57) 1,3-Dichloropropane	9.311	76	255268	52.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	658258	282.411	ug/l	96
59) 2-Hexanone	9.433	43	1079042	266.976	ug/l	97
60) Dibromochloromethane	9.525	129	148346	53.941	ug/l	99
61) 1,2-Dibromoethane	9.610	107	157980	50.926	ug/l	99
64) Tetrachloroethene	9.275	164	142489	48.959	ug/l	97
65) Chlorobenzene	10.079	112	380121	51.763	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	137058	54.903	ug/l	99
67) Ethyl Benzene	10.195	91	705907	50.236	ug/l	99
68) m/p-Xylenes	10.305	106	525604	105.655	ug/l	93
69) o-Xylene	10.646	106	262866	53.613	ug/l	93
70) Styrene	10.659	104	441614	54.822	ug/l	97
71) Bromoform	10.799	173	102529	55.866	ug/l #	98
73) Isopropylbenzene	10.963	105	695364	53.516	ug/l	99
74) N-amyl acetate	10.848	43	352628	55.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	239717	50.404	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	234956m	53.553	ug/l	
77) Bromobenzene	11.201	156	153235	50.245	ug/l	90
78) n-propylbenzene	11.305	91	845113	54.495	ug/l	98
79) 2-Chlorotoluene	11.366	91	495284	50.574	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	583272	53.609	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	82368	56.321	ug/l	97
82) 4-Chlorotoluene	11.457	91	566658	52.958	ug/l	97
83) tert-Butylbenzene	11.713	119	549019	54.442	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	590813	54.430	ug/l	98
85) sec-Butylbenzene	11.890	105	758313	54.940	ug/l	99
86) p-Isopropyltoluene	12.012	119	605818	54.861	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	305357	51.483	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	306703	50.798	ug/l	99
89) n-Butylbenzene	12.335	91	617916	60.102	ug/l	98
90) Hexachloroethane	12.542	117	107969	56.786	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	308658	53.019	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63866	55.990	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	193894	57.432	ug/l	99
94) Hexachlorobutadiene	13.725	225	77105	56.880	ug/l	99
95) Naphthalene	13.774	128	769039	58.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	200714	57.970	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030290.D
Acq On : 29 Jul 2022 09:59
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 08/01/2022
Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 04:50:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

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

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

