

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030263.D
 Acq On : 28 Jul 2022 04:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:58:17 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	134092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149577	55.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	5.391	113	117184	51.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	8.653	98	452551	51.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	11.085	95	174357	53.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121963	55.430	ug/l	98
3) Chloromethane	1.288	50	99240	45.610	ug/l	100
4) Vinyl Chloride	1.374	62	113087	51.495	ug/l	97
5) Bromomethane	1.599	94	19235	21.714	ug/l	99
6) Chloroethane	1.678	64	67981	53.912	ug/l	99
7) Trichlorofluoromethane	1.880	101	159419	55.099	ug/l	97
8) Diethyl Ether	2.136	74	61269	54.076	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	111923	52.226	ug/l	98
10) Methyl Iodide	2.453	142	48602	24.086	ug/l	95
11) Tert butyl alcohol	2.977	59	217096	330.220	ug/l	99
12) 1,1-Dichloroethene	2.319	96	113130	54.007	ug/l	95
13) Acrolein	2.239	56	32047	198.327	ug/l	99
14) Allyl chloride	2.666	41	224266	51.883	ug/l	97
15) Acrylonitrile	3.068	53	454007	279.450	ug/l	98
16) Acetone	2.386	43	392058	284.130	ug/l	94
17) Carbon Disulfide	2.508	76	285151	50.429	ug/l	97
18) Methyl Acetate	2.709	43	231738	56.780	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	410791	57.251	ug/l	99
20) Methylene Chloride	2.788	84	134669	57.310	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	122658	53.051	ug/l	96
22) Diisopropyl ether	3.763	45	481031	58.816	ug/l	95
23) Vinyl Acetate	3.727	43	2085446	293.956	ug/l	97
24) 1,1-Dichloroethane	3.611	63	241563	55.584	ug/l	98
25) 2-Butanone	4.562	43	660711	284.943	ug/l	96
26) 2,2-Dichloropropane	4.483	77	95953	30.534	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	144868	53.282	ug/l	97
28) Bromochloromethane	4.903	49	97968	53.360	ug/l	92
29) Tetrahydrofuran	5.007	42	443219	284.089	ug/l	93
30) Chloroform	5.099	83	237306	55.150	ug/l	99
31) Cyclohexane	5.476	56	212946	54.418	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	196599	56.209	ug/l	99
36) 1,1-Dichloropropene	5.696	75	172212	52.680	ug/l	97
37) Ethyl Acetate	4.721	43	247544	53.473	ug/l	97
38) Carbon Tetrachloride	5.684	117	161213	52.825	ug/l	97
39) Methylcyclohexane	7.385	83	205313	48.657	ug/l	94
40) Benzene	6.043	78	537838	52.291	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030263.D
 Acq On : 28 Jul 2022 04:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:58:17 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)
41) Methacrylonitrile	4.928	41	135890	54.761	ug/l	96
42) 1,2-Dichloroethane	6.092	62	187882	52.864	ug/l	97
43) Isopropyl Acetate	6.348	43	378006	55.701	ug/l	97
44) Trichloroethene	7.129	130	135792	48.317	ug/l	92
45) 1,2-Dichloropropane	7.433	63	145062	52.879	ug/l	99
46) Dibromomethane	7.586	93	94145	50.465	ug/l	97
47) Bromodichloromethane	7.824	83	181135	53.410	ug/l	96
48) Methyl methacrylate	7.696	41	187741	56.205	ug/l	95
49) 1,4-Dioxane	7.665	88	79899	1035.640	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1276590	277.086	ug/l	97
52) Toluene	8.720	92	333561	53.155	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	180911	49.487	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	199963	50.194	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	140439	52.563	ug/l	96
56) Ethyl methacrylate	9.122	69	236157	55.913	ug/l	94
57) 1,3-Dichloropropane	9.311	76	234412	53.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	610053	291.029	ug/l	96
59) 2-Hexanone	9.433	43	1015982	279.514	ug/l	96
60) Dibromochloromethane	9.525	129	133082	53.807	ug/l	99
61) 1,2-Dibromoethane	9.610	107	146375	52.467	ug/l	99
64) Tetrachloroethene	9.275	164	130427	48.629	ug/l	98
65) Chlorobenzene	10.079	112	346054	51.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	123309	53.600	ug/l	98
67) Ethyl Benzene	10.195	91	639284	49.629	ug/l	96
68) m/p-Xylenes	10.305	106	485932	105.997	ug/l	94
69) o-Xylene	10.646	106	236763	52.400	ug/l	90
70) Styrene	10.658	104	411575	55.443	ug/l	97
71) Bromoform	10.805	173	95352	56.379	ug/l	100
73) Isopropylbenzene	10.963	105	623383	51.320	ug/l	99
74) N-amyl acetate	10.847	43	346292	58.658	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	236214	53.130	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	212098m	51.713	ug/l	
77) Bromobenzene	11.201	156	142638	50.031	ug/l	91
78) n-propylbenzene	11.305	91	759983	52.421	ug/l	98
79) 2-Chlorotoluene	11.366	91	454833	49.680	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	535830	52.682	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	58626	42.881	ug/l	98
82) 4-Chlorotoluene	11.457	91	519970	51.982	ug/l	96
83) tert-Butylbenzene	11.719	119	500026	53.040	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	542590	53.472	ug/l	96
85) sec-Butylbenzene	11.890	105	678853	52.611	ug/l	98
86) p-Isopropyltoluene	12.012	119	544321	52.728	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	279203	50.355	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	280900	49.767	ug/l	99
89) n-Butylbenzene	12.335	91	512604	53.335	ug/l	99
90) Hexachloroethane	12.542	117	87062	48.982	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	285873	52.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56462	52.950	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	168495	53.388	ug/l	98
94) Hexachlorobutadiene	13.725	225	62927	49.656	ug/l	99
95) Naphthalene	13.780	128	686673	55.701	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	174199	53.819	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
Data File : VX030263.D
Acq On : 28 Jul 2022 04:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:58:17 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

