

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030864.D
 Acq On : 27 Aug 2022 12:12
 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 :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 29 01:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	233724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	385555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132328	48.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.260%		
35) Dibromofluoromethane	5.391	113	111999	47.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.652	98	398781	48.295	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.085	95	156937	51.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103721	47.886	ug/l	98
3) Chloromethane	1.288	50	88811	50.408	ug/l	100
4) Vinyl Chloride	1.373	62	105701	49.972	ug/l	96
5) Bromomethane	1.611	94	55102	50.597	ug/l	99
6) Chloroethane	1.684	64	66115	53.762	ug/l	96
7) Trichlorofluoromethane	1.885	101	170715	47.716	ug/l	96
8) Diethyl Ether	2.135	74	68288	50.444	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	105203	46.221	ug/l	97
10) Methyl Iodide	2.446	142	80905	43.131	ug/l #	89
11) Tert butyl alcohol	2.989	59	143341	240.181	ug/l	98
12) 1,1-Dichloroethene	2.318	96	92114	43.478	ug/l	92
13) Acrolein	2.239	56	136707	258.458	ug/l	99
14) Allyl chloride	2.660	41	188002	47.956	ug/l	98
15) Acrylonitrile	3.068	53	362400	247.677	ug/l	99
16) Acetone	2.385	43	299033	235.377	ug/l	90
17) Carbon Disulfide	2.507	76	189161	45.350	ug/l	98
18) Methyl Acetate	2.708	43	192342	49.260	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	368237	50.192	ug/l	98
20) Methylene Chloride	2.788	84	117593	50.489	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	101758	44.713	ug/l	95
22) Diisopropyl ether	3.763	45	407348	51.732	ug/l	89
23) Vinyl Acetate	3.720	43	1649944	261.250	ug/l	99
24) 1,1-Dichloroethane	3.605	63	211565	47.402	ug/l	99
25) 2-Butanone	4.562	43	504639	246.586	ug/l	100
26) 2,2-Dichloropropane	4.476	77	162363	50.220	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	128604	45.740	ug/l	92
28) Bromochloromethane	4.897	49	95892	49.936	ug/l	99
29) Tetrahydrofuran	5.013	42	326639	244.551	ug/l	98
30) Chloroform	5.092	83	226773	48.275	ug/l	94
31) Cyclohexane	5.470	56	163807	46.596	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	187699	49.420	ug/l	99
36) 1,1-Dichloropropene	5.690	75	146141	45.291	ug/l	97
37) Ethyl Acetate	4.714	43	190300	49.793	ug/l	98
38) Carbon Tetrachloride	5.677	117	161489	47.447	ug/l	97
39) Methylcyclohexane	7.378	83	171487	44.406	ug/l	95
40) Benzene	6.037	78	460599	47.712	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	109273	51.168	ug/l	97
42) 1,2-Dichloroethane	6.086	62	174818	51.036	ug/l	96
43) Isopropyl Acetate	6.342	43	301892	52.443	ug/l	97
44) Trichloroethene	7.128	130	126554	45.376	ug/l	100
45) 1,2-Dichloropropane	7.433	63	130807	48.980	ug/l	99
46) Dibromomethane	7.580	93	87761	46.259	ug/l	99
47) Bromodichloromethane	7.823	83	181046	50.677	ug/l	97
48) Methyl methacrylate	7.695	41	151943	52.949	ug/l	96
49) 1,4-Dioxane	7.683	88	69123	975.760	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1024516	263.861	ug/l	99
52) Toluene	8.720	92	293355	48.684	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	182310	52.815	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	199855	51.415	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	134496	50.226	ug/l	99
56) Ethyl methacrylate	9.116	69	204531	53.260	ug/l	98
57) 1,3-Dichloropropane	9.311	76	217005	50.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	550167	267.894	ug/l	98
59) 2-Hexanone	9.433	43	778532	267.263	ug/l	99
60) Dibromochloromethane	9.524	129	138404	49.565	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134901	49.680	ug/l	98
64) Tetrachloroethene	9.274	164	129972	46.061	ug/l	96
65) Chlorobenzene	10.079	112	327009	47.191	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	125084	48.104	ug/l	98
67) Ethyl Benzene	10.195	91	587799	49.097	ug/l	97
68) m/p-Xylenes	10.305	106	450072	98.123	ug/l	97
69) o-Xylene	10.640	106	221631	48.830	ug/l	95
70) Styrene	10.658	104	380404	50.503	ug/l	99
71) Bromoform	10.798	173	99189	46.166	ug/l	98
73) Isopropylbenzene	10.963	105	595524	48.683	ug/l	99
74) N-amyl acetate	10.847	43	259953	54.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	198615	47.466	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	192736m	48.196	ug/l	
77) Bromobenzene	11.201	156	141967	47.105	ug/l	99
78) n-propylbenzene	11.304	91	708073	50.330	ug/l	99
79) 2-Chlorotoluene	11.365	91	418620	48.576	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	506233	49.446	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	62777	50.649	ug/l	94
82) 4-Chlorotoluene	11.457	91	481470	49.843	ug/l	99
83) tert-Butylbenzene	11.719	119	489987	49.728	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	500633	50.491	ug/l	98
85) sec-Butylbenzene	11.890	105	649883	50.614	ug/l	99
86) p-Isopropyltoluene	12.012	119	536075	50.768	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	270906	47.649	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	277415	47.546	ug/l	99
89) n-Butylbenzene	12.335	91	490246	50.154	ug/l	100
90) Hexachloroethane	12.542	117	92197	45.034	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	276999	46.281	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	47110	43.741	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	172711	46.151	ug/l	99
94) Hexachlorobutadiene	13.725	225	73381	47.079	ug/l	97
95) Naphthalene	13.780	128	627601	48.174	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	179461	45.355	ug/l	99

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

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