

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030906.D
 Acq On : 28 Aug 2022 09:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 01:18:31 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	228370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127706	47.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	5.385	113	113335	50.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	8.653	98	364529	46.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	11.079	95	145331	49.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100088	47.292	ug/l	99
3) Chloromethane	1.294	50	67413	38.912	ug/l	97
4) Vinyl Chloride	1.374	62	79975	38.563	ug/l	100
5) Bromomethane	1.611	94	39700	37.309	ug/l	98
6) Chloroethane	1.685	64	42493	34.953	ug/l	100
7) Trichlorofluoromethane	1.886	101	157811	45.144	ug/l	98
8) Diethyl Ether	2.136	74	51860	39.207	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	96868	43.557	ug/l	95
10) Methyl Iodide	2.453	142	93021	50.040	ug/l #	91
11) Tert butyl alcohol	3.001	59	143027	245.274	ug/l	98
12) 1,1-Dichloroethene	2.319	96	87472	42.255	ug/l	94
13) Acrolein	2.239	56	96856	190.172	ug/l	98
14) Allyl chloride	2.666	41	140906	36.785	ug/l	99
15) Acrylonitrile	3.068	53	309696	216.620	ug/l	98
16) Acetone	2.392	43	267452	215.455	ug/l	95
17) Carbon Disulfide	2.508	76	170863	41.871	ug/l	96
18) Methyl Acetate	2.709	43	163517	42.859	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	344968	48.123	ug/l	95
20) Methylene Chloride	2.788	84	106937	46.934	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	93356	41.982	ug/l	95
22) Diisopropyl ether	3.763	45	330531	42.960	ug/l	91
23) Vinyl Acetate	3.721	43	1350016	218.771	ug/l	97
24) 1,1-Dichloroethane	3.611	63	190343	43.647	ug/l	99
25) 2-Butanone	4.562	43	416963	208.521	ug/l	98
26) 2,2-Dichloropropane	4.477	77	57496	18.201	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	119886	43.639	ug/l	95
28) Bromochloromethane	4.897	49	84367	44.964	ug/l	89
29) Tetrahydrofuran	5.013	42	266647	204.316	ug/l	97
30) Chloroform	5.092	83	208347	45.392	ug/l	100
31) Cyclohexane	5.470	56	135667	39.496	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	178948	48.220	ug/l	97
36) 1,1-Dichloropropene	5.690	75	131836	42.778	ug/l	98
37) Ethyl Acetate	4.714	43	152930	41.895	ug/l	99
38) Carbon Tetrachloride	5.678	117	154952	47.666	ug/l	95
39) Methylcyclohexane	7.379	83	148313	40.210	ug/l	96
40) Benzene	6.037	78	405996	44.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	89225	43.743	ug/l	98
42) 1,2-Dichloroethane	6.086	62	157882	48.258	ug/l	98
43) Isopropyl Acetate	6.342	43	249277	45.337	ug/l	98
44) Trichloroethene	7.123	130	120968	45.411	ug/l	97
45) 1,2-Dichloropropane	7.434	63	111962	43.893	ug/l	98
46) Dibromomethane	7.580	93	80043	44.174	ug/l	94
47) Bromodichloromethane	7.824	83	164105	48.093	ug/l #	99
48) Methyl methacrylate	7.696	41	121446	44.310	ug/l	96
49) 1,4-Dioxane	7.696	88	62365	921.730	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	822678	221.834	ug/l	98
52) Toluene	8.720	92	258778	44.964	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	144004	43.678	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155492	41.882	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	120724	47.202	ug/l	98
56) Ethyl methacrylate	9.116	69	181527	49.491	ug/l	95
57) 1,3-Dichloropropane	9.311	76	191026	46.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	452544	230.713	ug/l	98
59) 2-Hexanone	9.433	43	618482	222.296	ug/l	97
60) Dibromochloromethane	9.525	129	133450	50.037	ug/l	100
61) 1,2-Dibromoethane	9.610	107	123583	47.651	ug/l	99
64) Tetrachloroethene	9.275	164	120930	46.141	ug/l	99
65) Chlorobenzene	10.079	112	288613	44.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	118429	49.035	ug/l	96
67) Ethyl Benzene	10.195	91	513670	46.193	ug/l	99
68) m/p-Xylenes	10.305	106	388105	91.097	ug/l	94
69) o-Xylene	10.646	106	196500	46.611	ug/l	94
70) Styrene	10.659	104	336971	48.164	ug/l	97
71) Bromoform	10.799	173	100932	50.577	ug/l #	100
73) Isopropylbenzene	10.963	105	525047	46.003	ug/l	99
74) N-amyl acetate	10.848	43	204985	46.108	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	175067	44.842	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	164868m	44.187	ug/l	
77) Bromobenzene	11.201	156	130428	46.383	ug/l	95
78) n-propylbenzene	11.305	91	604539	46.055	ug/l	99
79) 2-Chlorotoluene	11.366	91	367480	45.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	444977	46.583	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	42411	36.674	ug/l	98
82) 4-Chlorotoluene	11.457	91	419778	46.576	ug/l	98
83) tert-Butylbenzene	11.713	119	438314	47.677	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	448556	48.487	ug/l	97
85) sec-Butylbenzene	11.890	105	564953	47.158	ug/l	100
86) p-Isopropyltoluene	12.012	119	467273	47.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248625	46.870	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	243837	44.791	ug/l	100
89) n-Butylbenzene	12.335	91	411716	45.144	ug/l	99
90) Hexachloroethane	12.542	117	84807	44.398	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	248511	44.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43399	43.188	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	162176	46.447	ug/l	100
94) Hexachlorobutadiene	13.725	225	66549	45.761	ug/l	98
95) Naphthalene	13.774	128	574400	47.255	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164142	44.462	ug/l	98

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

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