

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031350.D
 Acq On : 15 Sep 2022 10:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 11:14:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	36325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	61750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45572	51.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.385	113	33302	50.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	136943	55.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.000%			
62) 4-Bromofluorobenzene	11.079	95	53091	58.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19922	50.793	ug/l	98
3) Chloromethane	1.288	50	33958	63.583	ug/l	99
4) Vinyl Chloride	1.373	62	37604	59.249	ug/l	97
5) Bromomethane	1.617	94	31816	66.846	ug/l	100
6) Chloroethane	1.691	64	39946	79.294	ug/l	98
7) Trichlorofluoromethane	1.886	101	76890	66.090	ug/l	99
8) Diethyl Ether	2.136	74	29389	64.296	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	28880	52.494	ug/l	98
10) Methyl Iodide	2.453	142	32574	55.391	ug/l	98
11) Tert butyl alcohol	3.007	59	51117	278.163	ug/l	96
12) 1,1-Dichloroethene	2.318	96	27183	53.599	ug/l	97
13) Acrolein	2.239	56	20909	203.217	ug/l	99
14) Allyl chloride	2.666	41	56516	50.444	ug/l	98
15) Acrylonitrile	3.074	53	108230	263.185	ug/l	99
16) Acetone	2.392	43	96262	252.900	ug/l	98
17) Carbon Disulfide	2.514	76	68980	56.719	ug/l	100
18) Methyl Acetate	2.709	43	57270	50.739	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	117931	50.214	ug/l	95
20) Methylene Chloride	2.788	84	33799	56.954	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	31402	55.248	ug/l	96
22) Diisopropyl ether	3.763	45	131302	56.005	ug/l	92
23) Vinyl Acetate	3.727	43	577177	296.228	ug/l	97
24) 1,1-Dichloroethane	3.611	63	65513	53.245	ug/l	99
25) 2-Butanone	4.568	43	163921	261.089	ug/l	96
26) 2,2-Dichloropropane	4.477	77	59241	50.748	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	38264	51.222	ug/l	97
28) Bromochloromethane	4.903	49	30677	53.490	ug/l	88
29) Tetrahydrofuran	5.013	42	105904	272.321	ug/l	97
30) Chloroform	5.098	83	67913	52.123	ug/l	97
31) Cyclohexane	5.476	56	55540	57.981	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	59019	50.553	ug/l	97
36) 1,1-Dichloropropene	5.696	75	48167	53.017	ug/l	99
37) Ethyl Acetate	4.720	43	63580	53.253	ug/l	97
38) Carbon Tetrachloride	5.678	117	49588	50.212	ug/l	99
39) Methylcyclohexane	7.385	83	55901	55.871	ug/l	99
40) Benzene	6.037	78	143189	54.885	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34802	53.808	ug/l	96
42) 1,2-Dichloroethane	6.092	62	59754	56.782	ug/l	98
43) Isopropyl Acetate	6.348	43	106186	52.104	ug/l	97
44) Trichloroethene	7.129	130	34095	51.257	ug/l	97
45) 1,2-Dichloropropane	7.433	63	38715	54.205	ug/l	97
46) Dibromomethane	7.580	93	26454	52.227	ug/l	99
47) Bromodichloromethane	7.824	83	55242	52.436	ug/l	98
48) Methyl methacrylate	7.696	41	49348	53.192	ug/l	96
49) 1,4-Dioxane	7.702	88	19084	1025.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	357076	288.257	ug/l	98
52) Toluene	8.720	92	98492	59.680	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	64751	54.616	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	63623	52.220	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	39068	53.626	ug/l	96
56) Ethyl methacrylate	9.116	69	65383	55.440	ug/l	90
57) 1,3-Dichloropropane	9.311	76	68798	54.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	144339	262.679	ug/l	97
59) 2-Hexanone	9.433	43	275815	291.730	ug/l	98
60) Dibromochloromethane	9.524	129	43649	55.575	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43635	58.372	ug/l	99
64) Tetrachloroethene	9.275	164	33393	51.245	ug/l	98
65) Chlorobenzene	10.079	112	101392	53.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38267	51.454	ug/l	97
67) Ethyl Benzene	10.195	91	196359	57.432	ug/l	97
68) m/p-Xylenes	10.305	106	156383	120.460	ug/l	96
69) o-Xylene	10.646	106	74151	56.236	ug/l	95
70) Styrene	10.658	104	129112	60.215	ug/l	98
71) Bromoform	10.799	173	31221	52.732	ug/l #	100
73) Isopropylbenzene	10.963	105	202341	48.418	ug/l	99
74) N-amyl acetate	10.841	43	102229	49.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	70263	46.784	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	66728m	46.800	ug/l	
77) Bromobenzene	11.201	156	44698	46.909	ug/l	89
78) n-propylbenzene	11.305	91	247852	50.536	ug/l	97
79) 2-Chlorotoluene	11.366	91	148832	49.596	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	179975	51.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24363	47.280	ug/l	93
82) 4-Chlorotoluene	11.457	91	175944	51.151	ug/l	98
83) tert-Butylbenzene	11.713	119	171196	48.871	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	182254	52.373	ug/l	99
85) sec-Butylbenzene	11.890	105	229795	52.388	ug/l	97
86) p-Isopropyltoluene	12.012	119	189648	53.057	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	92987	51.185	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	97307	52.115	ug/l	100
89) n-Butylbenzene	12.335	91	172186	54.323	ug/l	98
90) Hexachloroethane	12.542	117	34542	48.391	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	90792	49.088	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16741	48.566	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	48364	48.290	ug/l	99
94) Hexachlorobutadiene	13.725	225	16663	42.622	ug/l	97
95) Naphthalene	13.774	128	187027	45.963	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47387	44.183	ug/l	99

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

