

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036379.D
 Acq On : 29 Jun 2023 15:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	182459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141587	54.135	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.280%			
35) Dibromofluoromethane	5.385	113	114189	53.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	399479	50.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	146244	52.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78153	45.243	ug/l	98
3) Chloromethane	1.294	50	120942	40.360	ug/l	100
4) Vinyl Chloride	1.374	62	170927	52.175	ug/l	99
5) Bromomethane	1.618	94	131268	54.760	ug/l	99
6) Chloroethane	1.691	64	115672	48.096	ug/l	98
7) Trichlorofluoromethane	1.886	101	217172	43.603	ug/l	99
8) Diethyl Ether	2.136	74	94248	49.019	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	99559	47.628	ug/l	95
10) Methyl Iodide	2.453	142	129209	51.013	ug/l	92
11) Tert butyl alcohol	3.001	59	140127	294.335	ug/l	100
12) 1,1-Dichloroethene	2.319	96	99856	48.156	ug/l	88
13) Acrolein	2.239	56	150330	229.922	ug/l	99
14) Allyl chloride	2.666	41	171878	51.004	ug/l	96
15) Acrylonitrile	3.068	53	320225	265.366	ug/l	99
16) Acetone	2.392	43	284745	254.713	ug/l	92
17) Carbon Disulfide	2.514	76	211349	41.500	ug/l	97
18) Methyl Acetate	2.703	43	252558	54.939	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	383256	57.191	ug/l	100
20) Methylene Chloride	2.788	84	121135	50.326	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	107197	48.445	ug/l	93
22) Diisopropyl ether	3.757	45	375581	55.621	ug/l	88
23) Vinyl Acetate	3.721	43	1387652	283.177	ug/l	98
24) 1,1-Dichloroethane	3.605	63	208909	52.496	ug/l	99
25) 2-Butanone	4.562	43	431299	268.520	ug/l	95
26) 2,2-Dichloropropane	4.477	77	156667	55.509	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	132794	53.512	ug/l	93
28) Bromochloromethane	4.897	49	101538	49.198	ug/l	89
29) Tetrahydrofuran	5.013	42	277520	271.383	ug/l	94
30) Chloroform	5.093	83	218509	54.516	ug/l	96
31) Cyclohexane	5.464	56	151757	45.279	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	178701	53.374	ug/l	100
36) 1,1-Dichloropropene	5.690	75	147586	46.583	ug/l	98
37) Ethyl Acetate	4.715	43	175822	54.449	ug/l	98
38) Carbon Tetrachloride	5.672	117	149915	51.808	ug/l	95
39) Methylcyclohexane	7.379	83	160862	42.390	ug/l	93
40) Benzene	6.037	78	456009	51.524	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	95406	53.259	ug/l	93
42) 1,2-Dichloroethane	6.086	62	181668	53.966	ug/l	98
43) Isopropyl Acetate	6.336	43	288363	55.978	ug/l	97
44) Trichloroethene	7.123	130	120745	49.049	ug/l	98
45) 1,2-Dichloropropane	7.427	63	127016	52.694	ug/l	96
46) Dibromomethane	7.580	93	91429	53.885	ug/l	94
47) Bromodichloromethane	7.818	83	169218	55.149	ug/l	97
48) Methyl methacrylate	7.690	41	141652	55.150	ug/l	91
49) 1,4-Dioxane	7.708	88	63255	1110.913	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	899158	270.926	ug/l	98
52) Toluene	8.714	92	282383	50.346	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	185374	59.808	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202193	57.707	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	126166	54.124	ug/l	92
56) Ethyl methacrylate	9.116	69	196607	56.389	ug/l	97
57) 1,3-Dichloropropane	9.305	76	212938	53.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	522234	266.520	ug/l	99
59) 2-Hexanone	9.433	43	668813	275.960	ug/l	97
60) Dibromochloromethane	9.519	129	129242	57.065	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134786	54.485	ug/l	100
64) Tetrachloroethene	9.275	164	104091	50.813	ug/l	97
65) Chlorobenzene	10.079	112	314134	51.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	119054	57.753	ug/l	99
67) Ethyl Benzene	10.195	91	542912	50.073	ug/l	97
68) m/p-Xylenes	10.299	106	415398	98.612	ug/l	96
69) o-Xylene	10.640	106	208100	51.157	ug/l	97
70) Styrene	10.653	104	344694	51.753	ug/l	97
71) Bromoform	10.799	173	90838	61.436	ug/l #	98
73) Isopropylbenzene	10.963	105	513189	48.602	ug/l	97
74) N-amyl acetate	10.842	43	249667	59.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	191773	53.632	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156718m	52.437	ug/l	
77) Bromobenzene	11.195	156	134786	51.913	ug/l	90
78) n-propylbenzene	11.305	91	586943	47.596	ug/l	98
79) 2-Chlorotoluene	11.366	91	360206	49.103	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	438197	49.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	54916	59.897	ug/l	91
82) 4-Chlorotoluene	11.451	91	423217	49.554	ug/l	96
83) tert-Butylbenzene	11.713	119	418667	48.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	438680	49.586	ug/l	97
85) sec-Butylbenzene	11.890	105	502364	46.272	ug/l	99
86) p-Isopropyltoluene	12.006	119	432064	47.420	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	242887	50.881	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	244192	50.237	ug/l	98
89) n-Butylbenzene	12.329	91	367470	45.317	ug/l	98
90) Hexachloroethane	12.536	117	69276	50.200	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	245463	52.222	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40479	59.600	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	152625	52.717	ug/l	96
94) Hexachlorobutadiene	13.725	225	51634	43.546	ug/l	99
95) Naphthalene	13.774	128	531290	55.547	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151991	53.819	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

