

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037056.D
 Acq On : 17 Aug 2023 13:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 18 06:02:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96650	47.685	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.360%		
35) Dibromofluoromethane	5.385	113	83975	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.560%		
50) Toluene-d8	8.647	98	268504	46.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	115391	51.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112990	69.187	ug/l	99
3) Chloromethane	1.294	50	88298	61.801	ug/l	95
4) Vinyl Chloride	1.374	62	98254	63.179	ug/l	99
5) Bromomethane	1.599	94	53264	68.758	ug/l	98
6) Chloroethane	1.678	64	53516	58.477	ug/l	99
7) Trichlorofluoromethane	1.880	101	166975	65.544	ug/l	99
8) Diethyl Ether	2.130	74	59545	60.415	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	96288	64.790	ug/l	97
10) Methyl Iodide	2.447	142	115533	63.963	ug/l	95
11) Tert butyl alcohol	2.965	59	126034	265.081	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	91008	62.884	ug/l	87
13) Acrolein	2.233	56	59646	164.905	ug/l	99
14) Allyl chloride	2.660	41	142158	63.462	ug/l #	94
15) Acrylonitrile	3.062	53	252995	298.124	ug/l	99
16) Acetone	2.380	43	265059	334.280	ug/l	90
17) Carbon Disulfide	2.508	76	228275	62.010	ug/l	98
18) Methyl Acetate	2.703	43	174183	58.343	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	334076	60.865	ug/l	96
20) Methylene Chloride	2.788	84	98269	55.418	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	102973	62.591	ug/l	88
22) Diisopropyl ether	3.757	45	281837	61.313	ug/l #	91
23) Vinyl Acetate	3.721	43	1098857	311.954	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	176967	61.393	ug/l	98
25) 2-Butanone	4.556	43	369915	309.835	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	171021	66.434	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118399	61.046	ug/l	91
28) Bromochloromethane	4.897	49	66829	51.898	ug/l #	78
29) Tetrahydrofuran	5.001	42	221736	291.225	ug/l #	84
30) Chloroform	5.092	83	195872	60.532	ug/l	95
31) Cyclohexane	5.464	56	148630	65.216	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	182256	62.854	ug/l	96
36) 1,1-Dichloropropene	5.690	75	142719	63.736	ug/l	97
37) Ethyl Acetate	4.714	43	138078	60.366	ug/l #	94
38) Carbon Tetrachloride	5.672	117	159397	65.531	ug/l	98
39) Methylcyclohexane	7.379	83	159123	67.637	ug/l	90
40) Benzene	6.037	78	404087	62.922	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74028	62.256	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	155112	61.590	ug/l	95
43) Isopropyl Acetate	6.342	43	230021	63.341	ug/l #	92
44) Trichloroethene	7.123	130	114619	62.943	ug/l	100
45) 1,2-Dichloropropane	7.427	63	100294	63.338	ug/l	100
46) Dibromomethane	7.580	93	78870	63.226	ug/l	94
47) Bromodichloromethane	7.818	83	151685	63.485	ug/l	98
48) Methyl methacrylate	7.690	41	109762	61.978	ug/l #	87
49) 1,4-Dioxane	7.659	88	51728	1084.537	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	669351	303.543	ug/l	91
52) Toluene	8.720	92	268128	63.190	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	171776	67.521	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	180965	65.824	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	106429	61.598	ug/l	97
56) Ethyl methacrylate	9.116	69	172254	63.648	ug/l	87
57) 1,3-Dichloropropane	9.305	76	179590	61.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	344639	265.359	ug/l	92
59) 2-Hexanone	9.433	43	516406	307.136	ug/l	89
60) Dibromochloromethane	9.518	129	119882	65.168	ug/l	100
61) 1,2-Dibromoethane	9.610	107	119457	63.147	ug/l	99
64) Tetrachloroethene	9.275	164	100940	64.038	ug/l	98
65) Chlorobenzene	10.079	112	288516	63.178	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108572	64.417	ug/l	98
67) Ethyl Benzene	10.195	91	515691	64.175	ug/l	99
68) m/p-Xylenes	10.299	106	397904	128.225	ug/l	97
69) o-Xylene	10.640	106	194964	63.680	ug/l	99
70) Styrene	10.652	104	326137	64.668	ug/l	97
71) Bromoform	10.799	173	85471	67.794	ug/l #	100
73) Isopropylbenzene	10.963	105	502646	61.435	ug/l	98
74) N-amyl acetate	10.841	43	194241	61.099	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	160197	58.139	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	136888m	57.102	ug/l	
77) Bromobenzene	11.195	156	121291	60.700	ug/l	93
78) n-propylbenzene	11.305	91	575231	63.139	ug/l	99
79) 2-Chlorotoluene	11.366	91	350663	60.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	425733	62.378	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55026	64.111	ug/l	85
82) 4-Chlorotoluene	11.451	91	411779	61.272	ug/l	98
83) tert-Butylbenzene	11.713	119	403022	61.917	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	427733	62.011	ug/l	97
85) sec-Butylbenzene	11.890	105	482487	63.462	ug/l	98
86) p-Isopropyltoluene	12.006	119	419291	64.064	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	228500	61.079	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232879	61.279	ug/l	99
89) n-Butylbenzene	12.329	91	359044	66.168	ug/l	99
90) Hexachloroethane	12.536	117	71256	65.229	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	222171	60.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38922	60.793	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	134519	62.757	ug/l	97
94) Hexachlorobutadiene	13.725	225	53802	64.972	ug/l	98
95) Naphthalene	13.774	128	513398	54.679	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132387	62.166	ug/l	99

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

