

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036667.D
 Acq On : 27 Jul 2023 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 06:07:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106843	49.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.385	113	85943	49.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	8.647	98	292678	47.139	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.280%		
62) 4-Bromofluorobenzene	11.079	95	119143	50.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80162	41.820	ug/l	97
3) Chloromethane	1.301	50	78604	45.085	ug/l	98
4) Vinyl Chloride	1.374	62	78362	44.146	ug/l	99
5) Bromomethane	1.599	94	57282	54.053	ug/l	97
6) Chloroethane	1.678	64	41719	48.342	ug/l	94
7) Trichlorofluoromethane	1.886	101	128741	46.966	ug/l	99
8) Diethyl Ether	2.136	74	52518	49.521	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	78178	47.470	ug/l	99
10) Methyl Iodide	2.453	142	89139	52.111	ug/l	93
11) Tert butyl alcohol	2.965	59	146558	288.336	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	74663	45.952	ug/l	88
13) Acrolein	2.239	56	85436	294.526	ug/l	99
14) Allyl chloride	2.660	41	146773	45.875	ug/l	93
15) Acrylonitrile	3.062	53	277327	271.306	ug/l	99
16) Acetone	2.380	43	256091	287.445	ug/l	92
17) Carbon Disulfide	2.508	76	187155	41.736	ug/l	99
18) Methyl Acetate	2.703	43	198002	52.830	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	322147	52.762	ug/l	100
20) Methylene Chloride	2.788	84	94787	47.839	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	84051	46.286	ug/l	93
22) Diisopropyl ether	3.763	45	298485	49.135	ug/l #	85
23) Vinyl Acetate	3.721	43	1207031	259.029	ug/l	95
24) 1,1-Dichloroethane	3.605	63	165116	48.479	ug/l	99
25) 2-Butanone	4.556	43	392878	271.799	ug/l	93
26) 2,2-Dichloropropane	4.471	77	151151	47.098	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	106064	49.176	ug/l	93
28) Bromochloromethane	4.897	49	84367	51.218	ug/l	92
29) Tetrahydrofuran	5.007	42	246816	264.846	ug/l	92
30) Chloroform	5.093	83	175855	50.467	ug/l	96
31) Cyclohexane	5.470	56	127566	42.913	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	151537	47.461	ug/l	98
36) 1,1-Dichloropropene	5.690	75	116613	44.686	ug/l	97
37) Ethyl Acetate	4.715	43	150750	51.038	ug/l	97
38) Carbon Tetrachloride	5.678	117	129969	46.846	ug/l	98
39) Methylcyclohexane	7.379	83	144120	44.414	ug/l	93
40) Benzene	6.037	78	359526	47.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	81853	51.814	ug/l	93
42) 1,2-Dichloroethane	6.086	62	145254	52.326	ug/l	96
43) Isopropyl Acetate	6.342	43	257966	50.737	ug/l	96
44) Trichloroethene	7.123	130	93666	47.197	ug/l	97
45) 1,2-Dichloropropane	7.434	63	98040	48.364	ug/l	98
46) Dibromomethane	7.580	93	74226	52.319	ug/l	96
47) Bromodichloromethane	7.824	83	146890	50.441	ug/l	95
48) Methyl methacrylate	7.690	41	121596	51.425	ug/l	92
49) 1,4-Dioxane	7.659	88	57394	1201.538	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	759195	269.826	ug/l	96
52) Toluene	8.720	92	227979	47.921	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	170945	51.936	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	172774	49.745	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	103115	51.563	ug/l	95
56) Ethyl methacrylate	9.116	69	172592	53.001	ug/l	93
57) 1,3-Dichloropropane	9.311	76	173828	52.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	416278	259.440	ug/l	98
59) 2-Hexanone	9.433	43	580883	278.175	ug/l	94
60) Dibromochloromethane	9.519	129	117911	53.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108898	52.542	ug/l	99
64) Tetrachloroethene	9.275	164	80134	45.401	ug/l	99
65) Chlorobenzene	10.079	112	253626	48.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	101083	50.138	ug/l	98
67) Ethyl Benzene	10.195	91	445608	46.764	ug/l	99
68) m/p-Xylenes	10.299	106	338649	95.251	ug/l	99
69) o-Xylene	10.640	106	170501	48.044	ug/l	100
70) Styrene	10.652	104	292220	49.908	ug/l	98
71) Bromoform	10.799	173	88854	54.444	ug/l #	100
73) Isopropylbenzene	10.963	105	439384	44.411	ug/l	98
74) N-amyl acetate	10.841	43	220157	47.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	163532	48.939	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137975m	49.069	ug/l	
77) Bromobenzene	11.195	156	108534	48.171	ug/l	96
78) n-propylbenzene	11.305	91	511826	44.732	ug/l	100
79) 2-Chlorotoluene	11.366	91	316938	45.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	378646	45.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61325	49.432	ug/l #	84
82) 4-Chlorotoluene	11.451	91	365213	46.230	ug/l	98
83) tert-Butylbenzene	11.713	119	372437	45.805	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	381263	46.061	ug/l	97
85) sec-Butylbenzene	11.890	105	463569	45.716	ug/l	99
86) p-Isopropyltoluene	12.006	119	389001	46.622	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	202091	48.428	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	206009	49.744	ug/l	99
89) n-Butylbenzene	12.329	91	351728	47.091	ug/l	99
90) Hexachloroethane	12.536	117	76507	45.230	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	201431	50.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40076	51.611	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	130340	52.535	ug/l	99
94) Hexachlorobutadiene	13.725	225	50251	48.958	ug/l	97
95) Naphthalene	13.774	128	465167	53.803	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129013	52.760	ug/l	99

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

