

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033923.D
 Acq On : 27 Jan 2023 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 02:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78111	45.460	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.920%		
35) Dibromofluoromethane	5.379	113	72476	50.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.160%		
50) Toluene-d8	8.647	98	253350	48.528	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.060%		
62) 4-Bromofluorobenzene	11.079	95	95379	49.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53377	41.390	ug/l	98
3) Chloromethane	1.294	50	66526	46.702	ug/l	98
4) Vinyl Chloride	1.374	62	67520	48.841	ug/l	99
5) Bromomethane	1.611	94	34067	42.889	ug/l	100
6) Chloroethane	1.685	64	40020	46.825	ug/l	98
7) Trichlorofluoromethane	1.886	101	97879	43.659	ug/l	98
8) Diethyl Ether	2.130	74	41040	55.908	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	65764	50.888	ug/l	94
10) Methyl Iodide	2.453	142	92363	50.955	ug/l	92
11) Tert butyl alcohol	2.965	59	65539	219.566	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	64936	48.903	ug/l	90
13) Acrolein	2.233	56	85277	309.639	ug/l	100
14) Allyl chloride	2.666	41	111120	44.369	ug/l	88
15) Acrylonitrile	3.056	53	192820	245.453	ug/l	98
16) Acetone	2.380	43	164315	263.824	ug/l	93
17) Carbon Disulfide	2.514	76	136566	40.980	ug/l	99
18) Methyl Acetate	2.697	43	121239	50.559	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	218482	47.374	ug/l	99
20) Methylene Chloride	2.788	84	73377	49.067	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	68506	44.132	ug/l	94
22) Diisopropyl ether	3.751	45	232782	46.196	ug/l	97
23) Vinyl Acetate	3.715	43	888671	234.273	ug/l	99
24) 1,1-Dichloroethane	3.605	63	127036	46.080	ug/l	100
25) 2-Butanone	4.550	43	258978	230.678	ug/l	96
26) 2,2-Dichloropropane	4.477	77	75936	38.453	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	83547	46.814	ug/l	96
28) Bromochloromethane	4.897	49	58991	46.975	ug/l	94
29) Tetrahydrofuran	4.995	42	170239	240.592	ug/l	98
30) Chloroform	5.086	83	131649	46.624	ug/l	98
31) Cyclohexane	5.471	56	104912	41.493	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	110016	45.634	ug/l	99
36) 1,1-Dichloropropene	5.690	75	93246	44.589	ug/l	99
37) Ethyl Acetate	4.708	43	100793	50.544	ug/l	99
38) Carbon Tetrachloride	5.678	117	101002	46.633	ug/l	96
39) Methylcyclohexane	7.379	83	107017	41.439	ug/l	96
40) Benzene	6.031	78	285238	46.796	ug/l	99

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Quant Time: Jan 28 02:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59301	51.458	ug/l	98
42) 1,2-Dichloroethane	6.080	62	99714	46.161	ug/l	98
43) Isopropyl Acetate	6.330	43	160934	48.747	ug/l	98
44) Trichloroethene	7.123	130	83241	48.836	ug/l	98
45) 1,2-Dichloropropane	7.427	63	74109	48.535	ug/l	98
46) Dibromomethane	7.580	93	52569	49.289	ug/l	96
47) Bromodichloromethane	7.818	83	103237	50.227	ug/l	99
48) Methyl methacrylate	7.690	41	82712	49.736	ug/l	97
49) 1,4-Dioxane	7.684	88	32777	891.022	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	517724	255.347	ug/l	99
52) Toluene	8.714	92	186684	47.426	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101801	49.525	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	114075	49.528	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	79740	51.177	ug/l	98
56) Ethyl methacrylate	9.116	69	116290	53.033	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129402	51.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	257285	238.241	ug/l	98
59) 2-Hexanone	9.427	43	372386	263.880	ug/l	99
60) Dibromochloromethane	9.519	129	89407	55.348	ug/l	100
61) 1,2-Dibromoethane	9.610	107	83787	53.882	ug/l	96
64) Tetrachloroethene	9.269	164	76900	52.783	ug/l	98
65) Chlorobenzene	10.079	112	212457	49.516	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	82893	52.495	ug/l	99
67) Ethyl Benzene	10.189	91	356098	48.337	ug/l	99
68) m/p-Xylenes	10.299	106	286152	99.307	ug/l	98
69) o-Xylene	10.640	106	141012	49.346	ug/l	99
70) Styrene	10.653	104	237461	51.095	ug/l	100
71) Bromoform	10.799	173	72017	54.426	ug/l #	99
73) Isopropylbenzene	10.963	105	367163	50.713	ug/l	99
74) N-amyl acetate	10.842	43	138040	47.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112983	53.578	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91723m	45.341	ug/l	
77) Bromobenzene	11.195	156	100168	51.297	ug/l	98
78) n-propylbenzene	11.305	91	406015	45.191	ug/l	99
79) 2-Chlorotoluene	11.366	91	242810	50.029	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	306118	46.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29886	45.914	ug/l	99
82) 4-Chlorotoluene	11.451	91	277591	49.969	ug/l	98
83) tert-Butylbenzene	11.713	119	315373	47.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	304442	48.578	ug/l	100
85) sec-Butylbenzene	11.890	105	380361	48.342	ug/l	99
86) p-Isopropyltoluene	12.006	119	332222	49.318	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	180575	48.538	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	182672	48.201	ug/l	99
89) n-Butylbenzene	12.329	91	262581	47.647	ug/l	100
90) Hexachloroethane	12.536	117	55031	49.663	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	179005	49.863	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22221	49.458	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	126520	52.320	ug/l	99
94) Hexachlorobutadiene	13.725	225	58575	49.449	ug/l	99
95) Naphthalene	13.774	128	380620	54.710	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128937	53.287	ug/l	99

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

