

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038345.D
 Acq On : 17 Oct 2023 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 04:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108852	44.641	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.280%		
35) Dibromofluoromethane	5.385	113	92309	49.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.000%		
50) Toluene-d8	8.647	98	340517	47.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.079	95	136080	50.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83105	56.792	ug/l	98
3) Chloromethane	1.294	50	81636	54.736	ug/l	97
4) Vinyl Chloride	1.374	62	99056	59.903	ug/l	96
5) Bromomethane	1.599	94	124381	57.397	ug/l	95
6) Chloroethane	1.685	64	68517	56.014	ug/l	98
7) Trichlorofluoromethane	1.886	101	187404	57.376	ug/l	99
8) Diethyl Ether	2.130	74	64783	53.181	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	81078	56.861	ug/l	97
10) Methyl Iodide	2.453	142	108480	52.875	ug/l	94
11) Tert butyl alcohol	2.959	59	127389	236.049	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	78335	56.478	ug/l	86
13) Acrolein	2.233	56	65206	188.108	ug/l	100
14) Allyl chloride	2.666	41	121528	48.986	ug/l #	94
15) Acrylonitrile	3.062	53	276360	249.051	ug/l	99
16) Acetone	2.380	43	238857	234.714	ug/l	91
17) Carbon Disulfide	2.514	76	196923	49.260	ug/l	100
18) Methyl Acetate	2.703	43	227472	52.124	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	285448	51.674	ug/l	98
20) Methylene Chloride	2.788	84	92419	48.281	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	90076	52.451	ug/l	87
22) Diisopropyl ether	3.757	45	262951	50.572	ug/l	95
23) Vinyl Acetate	3.721	43	964072	252.834	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	157835	50.019	ug/l	98
25) 2-Butanone	4.550	43	397928	242.350	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	115576	46.913	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	107817	52.715	ug/l	88
28) Bromochloromethane	4.904	49	67902	47.668	ug/l #	81
29) Tetrahydrofuran	5.001	42	258853	242.141	ug/l #	86
30) Chloroform	5.093	83	186137	53.943	ug/l	94
31) Cyclohexane	5.471	56	135441	51.268	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	159777	54.060	ug/l	98
36) 1,1-Dichloropropene	5.690	75	130098	50.590	ug/l	96
37) Ethyl Acetate	4.708	43	150145	49.161	ug/l	96
38) Carbon Tetrachloride	5.678	117	137864	54.495	ug/l	96
39) Methylcyclohexane	7.379	83	157902	52.421	ug/l	92
40) Benzene	6.037	78	377470	52.479	ug/l	100

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41) Methacrylonitrile	4.916	41	77439	50.969	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	144430	50.258	ug/l	99
43) Isopropyl Acetate	6.336	43	231161	50.700	ug/l #	96
44) Trichloroethene	7.129	130	105924	56.305	ug/l	97
45) 1,2-Dichloropropane	7.427	63	95964	51.549	ug/l	99
46) Dibromomethane	7.580	93	76976	53.313	ug/l	97
47) Bromodichloromethane	7.824	83	140212	54.588	ug/l	99
48) Methyl methacrylate	7.690	41	111004	50.999	ug/l #	84
49) 1,4-Dioxane	7.659	88	49985	931.939	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	807056	256.626	ug/l	96
52) Toluene	8.720	92	254999	54.424	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	150142	54.457	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	156521	54.034	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	110074	54.925	ug/l	95
56) Ethyl methacrylate	9.116	69	166623	54.227	ug/l	91
57) 1,3-Dichloropropane	9.305	76	173180	53.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	358734	237.846	ug/l	96
59) 2-Hexanone	9.427	43	647475	256.097	ug/l	94
60) Dibromochloromethane	9.519	129	114960	58.611	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122482	56.516	ug/l	100
64) Tetrachloroethene	9.275	164	89965	53.912	ug/l	98
65) Chlorobenzene	10.079	112	287972	53.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	103821	56.920	ug/l	98
67) Ethyl Benzene	10.195	91	506475	52.604	ug/l	99
68) m/p-Xylenes	10.299	106	399614	107.340	ug/l	97
69) o-Xylene	10.640	106	194133	53.429	ug/l	97
70) Styrene	10.653	104	327136	55.285	ug/l	96
71) Bromoform	10.799	173	85077	50.264	ug/l #	99
73) Isopropylbenzene	10.963	105	515884	53.803	ug/l	98
74) N-amyl acetate	10.842	43	212367	51.865	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	187067	53.168	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	173162m	53.274	ug/l	
77) Bromobenzene	11.195	156	127796	54.592	ug/l	89
78) n-propylbenzene	11.305	91	611462	52.154	ug/l	100
79) 2-Chlorotoluene	11.366	91	359163	51.656	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	441735	53.399	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49521	44.932	ug/l	92
82) 4-Chlorotoluene	11.451	91	421498	51.229	ug/l	96
83) tert-Butylbenzene	11.713	119	436846	54.044	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	443314	53.749	ug/l	98
85) sec-Butylbenzene	11.890	105	557424	53.237	ug/l	100
86) p-Isopropyltoluene	12.006	119	465997	53.942	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248882	52.932	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	249056	51.884	ug/l	98
89) n-Butylbenzene	12.335	91	437892	50.897	ug/l	97
90) Hexachloroethane	12.536	117	79985	55.842	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	242008	53.547	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43687	51.356	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	155745	51.378	ug/l	98
94) Hexachlorobutadiene	13.725	225	63344	51.918	ug/l	98
95) Naphthalene	13.774	128	541805	51.324	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151607	51.652	ug/l	97

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

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