

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036796.D
 Acq On : 03 Aug 2023 13:43
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Aug 04 07:32:23 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104935	48.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.385	113	86981	49.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	8.647	98	298624	48.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	115456	49.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	75432	38.969	ug/l	100
3) Chloromethane	1.300	50	69115	39.257	ug/l	99
4) Vinyl Chloride	1.374	62	77218	43.078	ug/l	100
5) Bromomethane	1.599	94	55539	51.898	ug/l	96
6) Chloroethane	1.678	64	43760	50.213	ug/l	100
7) Trichlorofluoromethane	1.880	101	140285	50.679	ug/l	100
8) Diethyl Ether	2.136	74	51843	48.409	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	77639	46.684	ug/l	98
10) Methyl Iodide	2.453	142	84998	49.207	ug/l	93
11) Tert butyl alcohol	2.965	59	130751	254.732	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	74674	45.512	ug/l	88
13) Acrolein	2.239	56	77563	264.781	ug/l	99
14) Allyl chloride	2.660	41	134067	41.495	ug/l #	96
15) Acrylonitrile	3.062	53	251587	243.728	ug/l	99
16) Acetone	2.380	43	216298	240.415	ug/l	92
17) Carbon Disulfide	2.508	76	167288	36.942	ug/l	99
18) Methyl Acetate	2.703	43	183728	48.544	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	305743	49.587	ug/l	98
20) Methylene Chloride	2.788	84	88910	44.436	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	82456	44.965	ug/l	91
22) Diisopropyl ether	3.763	45	279121	45.500	ug/l #	83
23) Vinyl Acetate	3.721	43	1077016	228.877	ug/l #	95
24) 1,1-Dichloroethane	3.611	63	162981	47.386	ug/l	98
25) 2-Butanone	4.556	43	355294	243.404	ug/l	93
26) 2,2-Dichloropropane	4.477	77	136987	42.269	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	103997	47.748	ug/l	92
28) Bromochloromethane	4.897	49	77690	46.705	ug/l	87
29) Tetrahydrofuran	5.007	42	224194	238.229	ug/l	89
30) Chloroform	5.092	83	175556	49.891	ug/l	96
31) Cyclohexane	5.470	56	123553	41.158	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	156549	48.554	ug/l	98
36) 1,1-Dichloropropene	5.690	75	118683	45.645	ug/l	98
37) Ethyl Acetate	4.714	43	138536	47.074	ug/l	97
38) Carbon Tetrachloride	5.678	117	134867	48.789	ug/l	98
39) Methylcyclohexane	7.379	83	137398	42.496	ug/l	95
40) Benzene	6.037	78	353790	46.767	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	73950	46.982	ug/l	#	91
42) 1,2-Dichloroethane	6.086	62	138760	50.169	ug/l		96
43) Isopropyl Acetate	6.342	43	231762	45.749	ug/l	#	95
44) Trichloroethene	7.123	130	96282	48.691	ug/l		99
45) 1,2-Dichloropropane	7.427	63	94787	46.930	ug/l		98
46) Dibromomethane	7.580	93	69006	48.817	ug/l		95
47) Bromodichloromethane	7.824	83	140356	48.372	ug/l		98
48) Methyl methacrylate	7.690	41	109477	46.469	ug/l		89
49) 1,4-Dioxane	7.659	88	49740	1045.093	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.574	43	682037	243.285	ug/l		95
52) Toluene	8.720	92	228138	48.129	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	152224	46.417	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	159405	46.063	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	98654	49.512	ug/l		96
56) Ethyl methacrylate	9.116	69	157485	48.538	ug/l		94
57) 1,3-Dichloropropane	9.311	76	164977	49.711	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	375911	235.135	ug/l		96
59) 2-Hexanone	9.433	43	512092	246.125	ug/l		93
60) Dibromochloromethane	9.518	129	110063	50.256	ug/l		100
61) 1,2-Dibromoethane	9.610	107	104917	50.805	ug/l		100
64) Tetrachloroethene	9.275	164	81795	48.645	ug/l		99
65) Chlorobenzene	10.079	112	246336	49.573	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	98331	51.197	ug/l		99
67) Ethyl Benzene	10.195	91	439136	48.375	ug/l		99
68) m/p-Xylenes	10.299	106	330991	97.724	ug/l		99
69) o-Xylene	10.640	106	166740	49.320	ug/l		99
70) Styrene	10.652	104	276340	49.542	ug/l		98
71) Bromoform	10.799	173	78685	50.610	ug/l	#	99
73) Isopropylbenzene	10.963	105	441062	48.287	ug/l		99
74) N-amyl acetate	10.841	43	190414	44.704	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	149653	48.509	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	126474m	48.718	ug/l		
77) Bromobenzene	11.195	156	102607	49.327	ug/l		95
78) n-propylbenzene	11.305	91	500158	47.347	ug/l		99
79) 2-Chlorotoluene	11.366	91	302507	47.258	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	369565	48.364	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	49590	43.296	ug/l		87
82) 4-Chlorotoluene	11.451	91	348543	47.788	ug/l		99
83) tert-Butylbenzene	11.713	119	365190	48.648	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	367651	48.109	ug/l		97
85) sec-Butylbenzene	11.890	105	460577	49.198	ug/l		99
86) p-Isopropyltoluene	12.006	119	383237	49.750	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	190608	49.474	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	191944	50.202	ug/l		99
89) n-Butylbenzene	12.329	91	332953	48.283	ug/l		99
90) Hexachloroethane	12.536	117	72566	46.467	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	188836	50.792	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35535	49.568	ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	117689	51.380	ug/l		97
94) Hexachlorobutadiene	13.725	225	45602	48.123	ug/l		97
95) Naphthalene	13.774	128	414119	51.881	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	118414	52.452	ug/l		99

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

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

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