

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038538.D
 Acq On : 26 Oct 2023 23:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 27 09:28:37 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	5.556	168	206194	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	326849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130644	39.392	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.780%
35) Dibromofluoromethane	5.385	113	119864	50.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	8.647	98	406549	45.174	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.340%#
62) 4-Bromofluorobenzene	11.079	95	170088	49.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	96210	48.339	ug/l	98
3) Chloromethane	1.294	50	89033	43.890	ug/l	96
4) Vinyl Chloride	1.374	62	100407	44.643	ug/l	98
5) Bromomethane	1.599	94	124705	42.082	ug/l	96
6) Chloroethane	1.678	64	69258	42.593	ug/l	96
7) Trichlorofluoromethane	1.886	101	180584	40.649	ug/l	100
8) Diethyl Ether	2.136	74	67742	40.886	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	106223	54.771	ug/l	92
10) Methyl Iodide	2.453	142	142456	51.051	ug/l	92
11) Tert butyl alcohol	2.959	59	194314	266.135	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	97895	51.892	ug/l	82
13) Acrolein	2.233	56	118853	252.087	ug/l	100
14) Allyl chloride	2.660	41	148130	43.899	ug/l	# 96
15) Acrylonitrile	3.062	53	363510	240.852	ug/l	99
16) Acetone	2.380	43	306634	221.534	ug/l	# 88
17) Carbon Disulfide	2.508	76	220180	40.495	ug/l	98
18) Methyl Acetate	2.703	43	308140	51.913	ug/l	# 89
19) Methyl tert-butyl Ether	3.111	73	366353	48.760	ug/l	98
20) Methylene Chloride	2.788	84	120657	46.343	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	112399	48.120	ug/l	82
22) Diisopropyl ether	3.763	45	319857	45.228	ug/l	# 82
23) Vinyl Acetate	3.721	43	1125786	217.071	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	198143	46.167	ug/l	97
25) 2-Butanone	4.550	43	500174	223.965	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	129999	38.796	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	138362	49.738	ug/l	84
28) Bromochloromethane	4.897	49	84815	43.776	ug/l	# 70
29) Tetrahydrofuran	5.001	42	319309	219.607	ug/l	# 84
30) Chloroform	5.092	83	231285	49.280	ug/l	99
31) Cyclohexane	5.470	56	147315	40.998	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	196707	48.933	ug/l	97
36) 1,1-Dichloropropene	5.696	75	148709	45.789	ug/l	93
37) Ethyl Acetate	4.708	43	179009	46.410	ug/l	95
38) Carbon Tetrachloride	5.678	117	169313	52.995	ug/l	97
39) Methylcyclohexane	7.379	83	176619	46.428	ug/l	89
40) Benzene	6.037	78	461436	50.798	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	95797	49.926	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	174234	48.008	ug/l		96
43) Isopropyl Acetate	6.342	43	276548	48.028	ug/l	#	94
44) Trichloroethene	7.123	130	137850	58.021	ug/l		96
45) 1,2-Dichloropropane	7.433	63	117771	50.094	ug/l		100
46) Dibromomethane	7.580	93	96574	52.963	ug/l	#	89
47) Bromodichloromethane	7.824	83	179998	55.490	ug/l		97
48) Methyl methacrylate	7.690	41	137292	49.946	ug/l	#	84
49) 1,4-Dioxane	7.659	88	65413	965.704	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.574	43	987726	248.694	ug/l		94
52) Toluene	8.720	92	309995	52.389	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	178845	51.364	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	190020	51.943	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	139060	54.944	ug/l		97
56) Ethyl methacrylate	9.116	69	203537	52.451	ug/l		88
57) 1,3-Dichloropropane	9.311	76	213808	52.231	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	420880	220.960	ug/l		94
59) 2-Hexanone	9.427	43	796213	249.369	ug/l		92
60) Dibromochloromethane	9.518	129	155140	62.631	ug/l		99
61) 1,2-Dibromoethane	9.610	107	151356	55.301	ug/l		98
64) Tetrachloroethene	9.275	164	121341	58.607	ug/l		95
65) Chlorobenzene	10.079	112	359703	53.748	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	137969	60.966	ug/l		99
67) Ethyl Benzene	10.195	91	610655	51.118	ug/l		98
68) m/p-Xylenes	10.299	106	485219	105.047	ug/l		96
69) o-Xylene	10.640	106	239648	53.159	ug/l		96
70) Styrene	10.652	104	410889	55.967	ug/l		95
71) Bromoform	10.799	173	124226	58.647	ug/l	#	100
73) Isopropylbenzene	10.963	105	634228	49.653	ug/l		97
74) N-amyl acetate	10.841	43	247727	45.416	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.213	83	238167	50.814	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	217508m	50.233	ug/l		
77) Bromobenzene	11.195	156	172117	55.193	ug/l		83
78) n-propylbenzene	11.305	91	742241	47.524	ug/l		97
79) 2-Chlorotoluene	11.366	91	444057	47.942	ug/l		94
80) 1,3,5-Trimethylbenzene	11.451	105	550934	49.995	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	61255	42.009	ug/l		91
82) 4-Chlorotoluene	11.451	91	524899	47.890	ug/l		94
83) tert-Butylbenzene	11.713	119	558787	51.894	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	547818	49.859	ug/l		96
85) sec-Butylbenzene	11.890	105	696497	49.933	ug/l		98
86) p-Isopropyltoluene	12.006	119	589995	51.267	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	325661	51.993	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	331674	51.867	ug/l		97
89) n-Butylbenzene	12.329	91	522531	45.591	ug/l		96
90) Hexachloroethane	12.536	117	102078	53.498	ug/l		81
91) 1,2-Dichlorobenzene	12.335	146	322149	53.507	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	56067	49.476	ug/l		71
93) 1,2,4-Trichlorobenzene	13.585	180	213197	52.795	ug/l		97
94) Hexachlorobutadiene	13.725	225	85370	52.525	ug/l		99
95) Naphthalene	13.774	128	701381	49.875	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	210068	53.725	ug/l		98

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

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