

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038589.D
 Acq On : 27 Oct 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 30 01:24:56 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	5.543	168	209199	50.000	ug/l	#-0.00
34) 1,4-Difluorobenzene	6.757	114	334838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	147333	43.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.580%
35) Dibromofluoromethane	5.379	113	131611	54.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.100%
50) Toluene-d8	8.647	98	434320	47.108	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.220%
62) 4-Bromofluorobenzene	11.079	95	188856	54.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.060%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	97115	48.093	ug/l	98
3) Chloromethane	1.294	50	93564	45.461	ug/l	97
4) Vinyl Chloride	1.373	62	99972	43.811	ug/l	99
5) Bromomethane	1.599	94	173913	58.169	ug/l	98
6) Chloroethane	1.678	64	70133	42.517	ug/l	98
7) Trichlorofluoromethane	1.879	101	182689	40.532	ug/l	99
8) Diethyl Ether	2.129	74	77449	46.073	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.324	101	108230	55.004	ug/l	92
10) Methyl Iodide	2.446	142	157552	55.650	ug/l	92
11) Tert butyl alcohol	2.959	59	227503	308.902	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	99352	51.908	ug/l	81
13) Acrolein	2.233	56	137939	288.366	ug/l	99
14) Allyl chloride	2.660	41	163730	47.825	ug/l	# 95
15) Acrylonitrile	3.062	53	409046	267.129	ug/l	99
16) Acetone	2.373	43	419853	298.975	ug/l	91
17) Carbon Disulfide	2.507	76	224782	40.747	ug/l	100
18) Methyl Acetate	2.696	43	338552	56.217	ug/l	# 89
19) Methyl tert-butyl Ether	3.111	73	413362	54.227	ug/l	99
20) Methylene Chloride	2.788	84	132403	50.124	ug/l	# 86
21) trans-1,2-Dichloroethene	3.087	96	116303	49.077	ug/l	85
22) Diisopropyl ether	3.757	45	355903	49.602	ug/l	# 86
23) Vinyl Acetate	3.714	43	1305665	248.139	ug/l	# 93
24) 1,1-Dichloroethane	3.605	63	210826	48.416	ug/l	98
25) 2-Butanone	4.550	43	588816	259.869	ug/l	# 86
26) 2,2-Dichloropropane	4.470	77	165331	48.631	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	150637	53.372	ug/l	85
28) Bromochloromethane	4.891	49	94281	47.963	ug/l	# 68
29) Tetrahydrofuran	4.995	42	355830	241.210	ug/l	# 84
30) Chloroform	5.086	83	247371	51.950	ug/l	98
31) Cyclohexane	5.464	56	147989	40.594	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	200230	49.094	ug/l	96
36) 1,1-Dichloropropene	5.690	75	155712	46.801	ug/l	95
37) Ethyl Acetate	4.708	43	206411	52.238	ug/l	95
38) Carbon Tetrachloride	5.671	117	175340	53.572	ug/l	95
39) Methylcyclohexane	7.378	83	182651	46.869	ug/l	91
40) Benzene	6.031	78	487040	52.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.909	41	106828	54.347	ug/l	#	86
42) 1,2-Dichloroethane	6.080	62	194028	52.187	ug/l		96
43) Isopropyl Acetate	6.336	43	315272	53.447	ug/l	#	94
44) Trichloroethene	7.122	130	143147	58.813	ug/l		94
45) 1,2-Dichloropropane	7.427	63	130424	54.152	ug/l		98
46) Dibromomethane	7.580	93	107669	57.638	ug/l	#	90
47) Bromodichloromethane	7.817	83	197197	59.342	ug/l		96
48) Methyl methacrylate	7.689	41	153977	54.680	ug/l	#	84
49) 1,4-Dioxane	7.659	88	74327	1071.122	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.573	43	1095377	269.219	ug/l		93
52) Toluene	8.714	92	325365	53.675	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	211193	59.207	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	219505	58.571	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	156246	60.261	ug/l		96
56) Ethyl methacrylate	9.116	69	231337	58.193	ug/l		89
57) 1,3-Dichloropropane	9.305	76	240905	57.447	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	443146	227.099	ug/l		94
59) 2-Hexanone	9.427	43	889865	272.051	ug/l		91
60) Dibromochloromethane	9.518	129	172968	68.162	ug/l		100
61) 1,2-Dibromoethane	9.610	107	168850	60.220	ug/l		99
64) Tetrachloroethene	9.274	164	120196	54.992	ug/l		96
65) Chlorobenzene	10.079	112	388275	54.958	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	153948	64.439	ug/l		100
67) Ethyl Benzene	10.195	91	646048	51.229	ug/l		98
68) m/p-Xylenes	10.299	106	511218	104.839	ug/l		95
69) o-Xylene	10.640	106	255234	53.630	ug/l		96
70) Styrene	10.652	104	443886	57.273	ug/l		96
71) Bromoform	10.799	173	139827	62.342	ug/l	#	100
73) Isopropylbenzene	10.963	105	657278	48.404	ug/l		97
74) N-amyl acetate	10.841	43	282914	48.789	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	265988	53.383	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	245194m	53.267	ug/l		
77) Bromobenzene	11.195	156	186043	56.118	ug/l		85
78) n-propylbenzene	11.305	91	776276	46.754	ug/l		97
79) 2-Chlorotoluene	11.366	91	475562	48.296	ug/l		94
80) 1,3,5-Trimethylbenzene	11.451	105	583911	49.843	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	76664	48.742	ug/l		89
82) 4-Chlorotoluene	11.451	91	565019	48.491	ug/l		94
83) tert-Butylbenzene	11.713	119	583255	50.952	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	594084	50.861	ug/l		97
85) sec-Butylbenzene	11.890	105	720870	48.614	ug/l		98
86) p-Isopropyltoluene	12.006	119	625834	51.155	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	355309	53.360	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	363822	53.519	ug/l		97
89) n-Butylbenzene	12.329	91	557929	45.791	ug/l		97
90) Hexachloroethane	12.536	117	109043	53.757	ug/l		81
91) 1,2-Dichlorobenzene	12.335	146	353396	55.213	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.938	75	64934	53.900	ug/l		71
93) 1,2,4-Trichlorobenzene	13.585	180	249048	58.013	ug/l		96
94) Hexachlorobutadiene	13.725	225	93110	53.888	ug/l		98
95) Naphthalene	13.774	128	811344	54.271	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	244994	58.940	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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