

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041178.D
 Acq On : 19 Apr 2024 15:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 20 01:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	240714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	326844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117258	45.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.240%		
35) Dibromofluoromethane	5.379	113	104762	47.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.647	98	371313	48.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.100%		
62) 4-Bromofluorobenzene	11.079	95	141031	48.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	90600	47.452	ug/l	99
3) Chloromethane	1.301	50	90485	42.643	ug/l	97
4) Vinyl Chloride	1.374	62	97710	40.176	ug/l	100
5) Bromomethane	1.593	94	51694	33.904	ug/l	99
6) Chloroethane	1.660	64	35200	21.927	ug/l	95
7) Trichlorofluoromethane	1.855	101	153787	40.286	ug/l	96
8) Diethyl Ether	2.136	74	58623	39.133	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	92981	41.900	ug/l	87
10) Methyl Iodide	2.441	142	113245	48.578	ug/l	88
11) Tert butyl alcohol	3.038	59	110822	217.972	ug/l #	92
12) 1,1-Dichloroethene	2.300	96	81207	38.224	ug/l	90
13) Acrolein	2.239	56	118261	184.954	ug/l	100
14) Allyl chloride	2.654	41	138118	40.198	ug/l #	95
15) Acrylonitrile	3.069	53	271373	215.576	ug/l	99
16) Acetone	2.392	43	230604	211.106	ug/l	97
17) Carbon Disulfide	2.496	76	142844	29.537	ug/l	100
18) Methyl Acetate	2.709	43	121029	44.380	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	330780	50.373	ug/l	99
20) Methylene Chloride	2.782	84	90839	38.972	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	91682	42.070	ug/l	87
22) Diisopropyl ether	3.764	45	321311	48.830	ug/l #	82
23) Vinyl Acetate	3.715	43	1418485	237.865	ug/l #	95
24) 1,1-Dichloroethane	3.599	63	179917	46.700	ug/l	97
25) 2-Butanone	4.562	43	390189	227.343	ug/l	94
26) 2,2-Dichloropropane	4.465	77	153920	50.333	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	123133	46.769	ug/l	87
28) Bromochloromethane	4.891	49	68629	45.619	ug/l #	70
29) Tetrahydrofuran	5.007	42	255863	225.185	ug/l	94
30) Chloroform	5.087	83	191888	45.836	ug/l	99
31) Cyclohexane	5.458	56	147665	45.867	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	171160	46.587	ug/l	97
36) 1,1-Dichloropropene	5.684	75	126848	45.889	ug/l	95
37) Ethyl Acetate	4.715	43	151150	45.788	ug/l	98
38) Carbon Tetrachloride	5.666	117	147965	46.164	ug/l	99
39) Methylcyclohexane	7.373	83	171314	49.392	ug/l	91
40) Benzene	6.031	78	399740	47.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	84035	48.575	ug/l	94
42) 1,2-Dichloroethane	6.080	62	137904	45.609	ug/l	93
43) Isopropyl Acetate	6.342	43	240723	49.107	ug/l	95
44) Trichloroethene	7.117	130	116962	46.669	ug/l	87
45) 1,2-Dichloropropane	7.428	63	97451	48.638	ug/l	99
46) Dibromomethane	7.574	93	72873	46.258	ug/l #	74
47) Bromodichloromethane	7.818	83	139993	45.654	ug/l	97
48) Methyl methacrylate	7.696	41	117959	49.299	ug/l	90
49) 1,4-Dioxane	7.671	88	52026	930.499	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	788916	236.907	ug/l	96
52) Toluene	8.714	92	264254	47.975	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	143293	48.721	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	158136	48.941	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	106522	48.165	ug/l	96
56) Ethyl methacrylate	9.116	69	171668	48.048	ug/l	92
57) 1,3-Dichloropropane	9.305	76	171114	47.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	368389	236.847	ug/l	90
59) 2-Hexanone	9.433	43	625700	242.892	ug/l	94
60) Dibromochloromethane	9.519	129	124764	46.639	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111586	46.190	ug/l	98
64) Tetrachloroethene	9.269	164	115192	49.961	ug/l	91
65) Chlorobenzene	10.080	112	311187	48.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	112877	51.522	ug/l	98
67) Ethyl Benzene	10.189	91	507352	50.767	ug/l	98
68) m/p-Xylenes	10.299	106	410120	103.175	ug/l	91
69) o-Xylene	10.640	106	201325	52.030	ug/l	91
70) Styrene	10.653	104	343488	52.279	ug/l	94
71) Bromoform	10.799	173	102460	49.653	ug/l #	98
73) Isopropylbenzene	10.964	105	530128	53.760	ug/l	96
74) N-amyl acetate	10.842	43	218807	55.935	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	170588	52.719	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137774m	50.573	ug/l	
77) Bromobenzene	11.195	156	153278	52.946	ug/l	76
78) n-propylbenzene	11.305	91	586755	53.060	ug/l	95
79) 2-Chlorotoluene	11.366	91	355595	52.749	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	446714	54.383	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	50121	47.685	ug/l	92
82) 4-Chlorotoluene	11.451	91	404671	51.556	ug/l	91
83) tert-Butylbenzene	11.713	119	486290	55.508	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	451542	55.081	ug/l	93
85) sec-Butylbenzene	11.890	105	576817	54.873	ug/l	94
86) p-Isopropyltoluene	12.006	119	514403	55.140	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	280028	51.274	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	280087	48.629	ug/l	95
89) n-Butylbenzene	12.329	91	412788	52.155	ug/l	97
90) Hexachloroethane	12.536	117	81963	51.883	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	281646	51.968	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37940	54.058	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	205464	50.443	ug/l	96
94) Hexachlorobutadiene	13.725	225	108132	55.688	ug/l	99
95) Naphthalene	13.774	128	621910	56.530	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220508	54.522	ug/l	95

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

