

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040887.D
 Acq On : 05 Apr 2024 08:50
 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 04/08/2024
 Supervised By : Mahesh Dadoda 04/08/2024

Quant Time: Apr 05 23:14:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	54780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	88333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	83587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43470	44.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.460%		
35) Dibromofluoromethane	5.379	113	29903	47.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.647	98	105359	46.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.200%		
62) 4-Bromofluorobenzene	11.079	95	42827	47.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32516	43.792	ug/l	96
3) Chloromethane	1.301	50	30807	48.027	ug/l	100
4) Vinyl Chloride	1.374	62	33389	50.426	ug/l	99
5) Bromomethane	1.605	94	23607	57.953	ug/l	100
6) Chloroethane	1.685	64	20571	48.196	ug/l	100
7) Trichlorofluoromethane	1.886	101	59061	46.597	ug/l	100
8) Diethyl Ether	2.130	74	18039	44.041	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	29753	45.534	ug/l	97
10) Methyl Iodide	2.453	142	33490	42.251	ug/l	98
11) Tert butyl alcohol	2.947	59	34801	193.932	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	27429	44.756	ug/l	99
13) Acrolein	2.233	56	20659	210.901	ug/l	99
14) Allyl chloride	2.666	41	49099	44.723	ug/l #	87
15) Acrylonitrile	3.056	53	82536	218.031	ug/l	99
16) Acetone	2.374	43	96525	252.913	ug/l	98
17) Carbon Disulfide	2.514	76	74720	42.145	ug/l	99
18) Methyl Acetate	2.697	43	37043	40.911	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	94371	43.747	ug/l	100
20) Methylene Chloride	2.788	84	29655	41.928	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	28735	44.392	ug/l	98
22) Diisopropyl ether	3.758	45	96732	45.276	ug/l	96
23) Vinyl Acetate	3.715	43	475727	232.317	ug/l	99
24) 1,1-Dichloroethane	3.605	63	54410	44.575	ug/l	99
25) 2-Butanone	4.544	43	126466	223.067	ug/l	98
26) 2,2-Dichloropropane	4.471	77	48989	46.747	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	34157	45.696	ug/l	99
28) Bromochloromethane	4.891	49	26604	48.473	ug/l	99
29) Tetrahydrofuran	4.989	42	78611	213.329	ug/l	99
30) Chloroform	5.093	83	60682	45.674	ug/l	96
31) Cyclohexane	5.465	56	46739	44.811	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	54615	46.259	ug/l	98
36) 1,1-Dichloropropene	5.690	75	41262	46.414	ug/l	98
37) Ethyl Acetate	4.709	43	48576	44.498	ug/l	98
38) Carbon Tetrachloride	5.672	117	47447	48.211	ug/l	94
39) Methylcyclohexane	7.379	83	48761	45.905	ug/l	99
40) Benzene	6.038	78	115961	46.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	26705	47.634	ug/l	96
42) 1,2-Dichloroethane	6.080	62	50005	46.661	ug/l	98
43) Isopropyl Acetate	6.330	43	79961	47.430	ug/l	96
44) Trichloroethene	7.117	130	28297	45.918	ug/l	95
45) 1,2-Dichloropropane	7.422	63	28812	48.915	ug/l	99
46) Dibromomethane	7.574	93	23506	48.689	ug/l	99
47) Bromodichloromethane	7.818	83	47699	47.486	ug/l	96
48) Methyl methacrylate	7.690	41	39818	48.232	ug/l	95
49) 1,4-Dioxane	7.653	88	13896	882.076	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	262571	234.806	ug/l	95
52) Toluene	8.714	92	73570	47.254	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47856	46.336	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	48708	48.904	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	29100	47.895	ug/l	95
56) Ethyl methacrylate	9.110	69	51214	49.088	ug/l	93
57) 1,3-Dichloropropane	9.305	76	50687	47.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	125669	248.466	ug/l	97
59) 2-Hexanone	9.427	43	213076	237.586	ug/l	95
60) Dibromochloromethane	9.519	129	36091	49.758	ug/l	99
61) 1,2-Dibromoethane	9.604	107	31534	48.106	ug/l	98
64) Tetrachloroethene	9.269	164	25352	45.833	ug/l	98
65) Chlorobenzene	10.080	112	82512	45.136	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	29057	47.887	ug/l	99
67) Ethyl Benzene	10.189	91	153404	47.056	ug/l	93
68) m/p-Xylenes	10.299	106	110095	92.816	ug/l	90
69) o-Xylene	10.640	106	53150	47.563	ug/l	90
70) Styrene	10.653	104	92569	47.804	ug/l	97
71) Bromoform	10.799	173	24444	45.714	ug/l #	100
73) Isopropylbenzene	10.957	105	144336	46.258	ug/l	100
74) N-amyl acetate	10.842	43	74255	46.985	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	47975	44.967	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42254m	44.354	ug/l	
77) Bromobenzene	11.195	156	34125	46.622	ug/l	99
78) n-propylbenzene	11.299	91	182595	46.825	ug/l	97
79) 2-Chlorotoluene	11.360	91	107707	46.282	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	127735	47.932	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.012	75	16462	46.622	ug/l	97
82) 4-Chlorotoluene	11.451	91	129481	46.602	ug/l	99
83) tert-Butylbenzene	11.713	119	122597	46.372	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	127169	47.370	ug/l	100
85) sec-Butylbenzene	11.890	105	158426	47.183	ug/l	99
86) p-Isopropyltoluene	12.006	119	136186	48.358	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67800	45.826	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	68480	43.622	ug/l	99
89) n-Butylbenzene	12.329	91	133014	47.809	ug/l	96
90) Hexachloroethane	12.536	117	23786	48.485	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	64605	44.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12547	45.767	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	44390	44.161	ug/l	98
94) Hexachlorobutadiene	13.725	225	17088	44.377	ug/l	99
95) Naphthalene	13.774	128	149210	46.102	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42803	44.635	ug/l	98

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

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