

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030124\
 Data File : VX040548.D
 Acq On : 01 Mar 2024 13:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 23:17:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71241	49.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.379	113	50926	52.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.640%		
50) Toluene-d8	8.647	98	170688	48.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	73706	55.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	52516	48.685	ug/l	95
3) Chloromethane	1.295	50	48872	45.678	ug/l	98
4) Vinyl Chloride	1.374	62	53287	46.057	ug/l	100
5) Bromomethane	1.599	94	38450	59.801	ug/l	99
6) Chloroethane	1.685	64	32882	44.908	ug/l	98
7) Trichlorofluoromethane	1.886	101	83356	45.616	ug/l	97
8) Diethyl Ether	2.130	74	28861	45.185	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	49628	50.455	ug/l	99
10) Methyl Iodide	2.453	142	55699	54.119	ug/l	100
11) Tert butyl alcohol	2.953	59	62527	256.567	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	45189	45.759	ug/l	95
13) Acrolein	2.233	56	38057	243.571	ug/l	96
14) Allyl chloride	2.660	41	83038	48.063	ug/l	91
15) Acrylonitrile	3.056	53	141261	231.078	ug/l	98
16) Acetone	2.374	43	146516	309.904	ug/l	98
17) Carbon Disulfide	2.508	76	112244	41.045	ug/l	99
18) Methyl Acetate	2.697	43	72437	49.698	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	168974	50.164	ug/l	100
20) Methylene Chloride	2.788	84	53510	47.296	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	48142	45.711	ug/l	98
22) Diisopropyl ether	3.758	45	170981	49.248	ug/l	94
23) Vinyl Acetate	3.715	43	800476	251.696	ug/l	99
24) 1,1-Dichloroethane	3.605	63	97609	48.212	ug/l	99
25) 2-Butanone	4.550	43	214597	260.521	ug/l	99
26) 2,2-Dichloropropane	4.471	77	86950	53.940	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	59286	48.118	ug/l	99
28) Bromochloromethane	4.892	49	41404	48.889	ug/l	95
29) Tetrahydrofuran	5.001	42	134683	234.377	ug/l	98
30) Chloroform	5.087	83	107637	50.087	ug/l	98
31) Cyclohexane	5.471	56	77390	47.119	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	96744	52.745	ug/l	98
36) 1,1-Dichloropropene	5.690	75	75822	51.046	ug/l	99
37) Ethyl Acetate	4.709	43	79579	48.954	ug/l	99
38) Carbon Tetrachloride	5.672	117	80592	56.164	ug/l	97
39) Methylcyclohexane	7.379	83	83962	52.356	ug/l	100
40) Benzene	6.038	78	201933	50.213	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	45781	50.418	ug/l	97
42) 1,2-Dichloroethane	6.080	62	94090	56.529	ug/l	98
43) Isopropyl Acetate	6.336	43	135034	52.939	ug/l	98
44) Trichloroethene	7.123	130	52969	48.976	ug/l	93
45) 1,2-Dichloropropane	7.428	63	55381	51.456	ug/l	98
46) Dibromomethane	7.574	93	42309	53.469	ug/l	99
47) Bromodichloromethane	7.818	83	84084	53.970	ug/l	98
48) Methyl methacrylate	7.690	41	70414	55.231	ug/l	93
49) 1,4-Dioxane	7.653	88	24954	1034.687	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	450557	267.161	ug/l	97
52) Toluene	8.714	92	120385	48.777	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	82143	51.953	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	91063	53.582	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	50789	49.587	ug/l	92
56) Ethyl methacrylate	9.110	69	81355	51.373	ug/l	94
57) 1,3-Dichloropropane	9.305	76	84483	47.357	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	213413	257.022	ug/l	98
59) 2-Hexanone	9.427	43	322962	249.080	ug/l	97
60) Dibromochloromethane	9.519	129	56574	50.854	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56553	50.600	ug/l	100
64) Tetrachloroethene	9.275	164	44698	47.791	ug/l	97
65) Chlorobenzene	10.080	112	145067	51.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55476	55.553	ug/l	99
67) Ethyl Benzene	10.189	91	274223	52.867	ug/l	98
68) m/p-Xylenes	10.299	106	201112	103.828	ug/l	92
69) o-Xylene	10.640	106	99694	53.814	ug/l	93
70) Styrene	10.653	104	166493	53.911	ug/l	96
71) Bromoform	10.799	173	45855	56.095	ug/l #	100
73) Isopropylbenzene	10.964	105	272720	51.438	ug/l	100
74) N-amyl acetate	10.842	43	129405	52.552	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	93820	48.931	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81521m	51.451	ug/l	
77) Bromobenzene	11.195	156	63981	51.036	ug/l	99
78) n-propylbenzene	11.305	91	336315	51.140	ug/l	98
79) 2-Chlorotoluene	11.360	91	199594	50.416	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	237037	52.569	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	26282	50.054	ug/l	99
82) 4-Chlorotoluene	11.451	91	238014	51.990	ug/l	99
83) tert-Butylbenzene	11.713	119	227041	53.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	237112	53.001	ug/l	98
85) sec-Butylbenzene	11.890	105	295814	52.969	ug/l	99
86) p-Isopropyltoluene	12.006	119	242268	52.629	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	123595	49.461	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124788	49.056	ug/l	99
89) n-Butylbenzene	12.329	91	241128	53.242	ug/l	96
90) Hexachloroethane	12.536	117	41913	54.706	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	121688	51.102	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21823	48.820	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	78449	50.479	ug/l	96
94) Hexachlorobutadiene	13.725	225	32527	51.212	ug/l	98
95) Naphthalene	13.774	128	242843	48.899	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73178	49.536	ug/l	96

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

