

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041763.D
 Acq On : 06 Jun 2024 09:32
 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 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	194745	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	280721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114667	48.008	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.020%		
35) Dibromofluoromethane	5.379	113	92864	47.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	8.647	98	329624	48.605	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.079	95	129269	51.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	78382	45.806	ug/l	98
3) Chloromethane	1.301	50	80923	43.343	ug/l	99
4) Vinyl Chloride	1.374	62	84662	44.049	ug/l	99
5) Bromomethane	1.593	94	58222	43.496	ug/l	98
6) Chloroethane	1.660	64	47867	41.205	ug/l	97
7) Trichlorofluoromethane	1.868	101	139464	44.435	ug/l	98
8) Diethyl Ether	2.136	74	53209	43.988	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.313	101	81972	46.092	ug/l	90
10) Methyl Iodide	2.441	142	100296	45.225	ug/l	91
11) Tert butyl alcohol	3.002	59	103353	244.609	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	77339	44.551	ug/l	90
13) Acrolein	2.239	56	101676	258.450	ug/l	99
14) Allyl chloride	2.654	41	135934	47.598	ug/l	99
15) Acrylonitrile	3.069	53	248895	240.199	ug/l	99
16) Acetone	2.392	43	304415	297.375	ug/l	96
17) Carbon Disulfide	2.502	76	162812	42.396	ug/l	98
18) Methyl Acetate	2.709	43	115135	50.484	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	267209	46.006	ug/l	100
20) Methylene Chloride	2.782	84	88139	41.235	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	79867	44.343	ug/l	92
22) Diisopropyl ether	3.764	45	274392	47.013	ug/l	87
23) Vinyl Acetate	3.721	43	1265608	241.371	ug/l	97
24) 1,1-Dichloroethane	3.599	63	150885	45.719	ug/l	98
25) 2-Butanone	4.562	43	392004	264.071	ug/l	99
26) 2,2-Dichloropropane	4.465	77	125906	46.499	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	98778	45.879	ug/l	92
28) Bromochloromethane	4.891	49	59830	42.091	ug/l	# 82
29) Tetrahydrofuran	5.007	42	229688	245.345	ug/l	96
30) Chloroform	5.086	83	159304	45.975	ug/l	97
31) Cyclohexane	5.458	56	127932	45.368	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	140997	46.434	ug/l	99
36) 1,1-Dichloropropene	5.684	75	105375	44.838	ug/l	96
37) Ethyl Acetate	4.715	43	140424	47.346	ug/l	99
38) Carbon Tetrachloride	5.666	117	121823	45.626	ug/l	98
39) Methylcyclohexane	7.373	83	136258	47.193	ug/l	95
40) Benzene	6.031	78	333788	45.439	ug/l	99

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41) Methacrylonitrile	4.922	41	77005	53.088	ug/l	97
42) 1,2-Dichloroethane	6.086	62	125418	45.735	ug/l	96
43) Isopropyl Acetate	6.342	43	210252	46.953	ug/l	98
44) Trichloroethene	7.117	130	91272	45.685	ug/l	91
45) 1,2-Dichloropropane	7.428	63	82110	47.013	ug/l	96
46) Dibromomethane	7.580	93	61982	46.269	ug/l #	81
47) Bromodichloromethane	7.818	83	119641	48.234	ug/l	100
48) Methyl methacrylate	7.690	41	107998	50.222	ug/l	97
49) 1,4-Dioxane	7.665	88	49330	1049.898	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	730665	251.631	ug/l	99
52) Toluene	8.714	92	218303	46.828	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	120444	49.331	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	130393	48.276	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	88463	47.074	ug/l	98
56) Ethyl methacrylate	9.116	69	144139	50.252	ug/l	99
57) 1,3-Dichloropropane	9.305	76	146719	47.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	332856	246.488	ug/l	96
59) 2-Hexanone	9.433	43	591098	267.006	ug/l	98
60) Dibromochloromethane	9.519	129	102723	49.275	ug/l	98
61) 1,2-Dibromoethane	9.610	107	93931	47.359	ug/l	100
64) Tetrachloroethene	9.269	164	87813	45.328	ug/l	93
65) Chlorobenzene	10.079	112	251324	45.305	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	91133	47.344	ug/l	99
67) Ethyl Benzene	10.189	91	421217	47.646	ug/l	100
68) m/p-Xylenes	10.299	106	332189	94.453	ug/l	95
69) o-Xylene	10.640	106	164511	47.020	ug/l	95
70) Styrene	10.653	104	283773	49.106	ug/l	96
71) Bromoform	10.799	173	82127	48.990	ug/l #	99
73) Isopropylbenzene	10.957	105	429114	47.900	ug/l	97
74) N-amyl acetate	10.842	43	198154	49.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	146830	46.184	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	122626m	48.664	ug/l	
77) Bromobenzene	11.195	156	121920	46.106	ug/l	81
78) n-propylbenzene	11.305	91	485993	49.404	ug/l	97
79) 2-Chlorotoluene	11.366	91	297289	47.019	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	360156	48.151	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44558	48.194	ug/l	97
82) 4-Chlorotoluene	11.451	91	343644	47.774	ug/l	94
83) tert-Butylbenzene	11.713	119	384723	47.749	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	370832	48.933	ug/l	94
85) sec-Butylbenzene	11.890	105	457367	49.514	ug/l	95
86) p-Isopropyltoluene	12.006	119	406108	50.129	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	221941	46.996	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	222998	45.808	ug/l	96
89) n-Butylbenzene	12.329	91	335684	52.342	ug/l	98
90) Hexachloroethane	12.536	117	66406	48.194	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	223103	46.379	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33092	51.523	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	155054	48.908	ug/l	96
94) Hexachlorobutadiene	13.725	225	74962	47.725	ug/l	99
95) Naphthalene	13.774	128	469589	50.194	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	160003	49.038	ug/l	96

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

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