

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041422.D
 Acq On : 08 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 05:34:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	180669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	265498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112880	57.392	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.780%			
35) Dibromofluoromethane	5.379	113	92031	51.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.647	98	309673	54.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.760%			
62) 4-Bromofluorobenzene	11.079	95	99711	45.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	72422	48.784	ug/l	99
3) Chloromethane	1.300	50	71191	46.343	ug/l	99
4) Vinyl Chloride	1.374	62	75871	51.809	ug/l	98
5) Bromomethane	1.593	94	50048	54.516	ug/l	99
6) Chloroethane	1.660	64	40083	58.951	ug/l	100
7) Trichlorofluoromethane	1.861	101	121545	48.132	ug/l	98
8) Diethyl Ether	2.136	74	51113	57.427	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	80370	56.628	ug/l	88
10) Methyl Iodide	2.441	142	95170	62.304	ug/l	91
11) Tert butyl alcohol	3.007	59	115838	294.254	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	79410	56.720	ug/l	89
13) Acrolein	2.239	56	94102	301.316	ug/l	99
14) Allyl chloride	2.654	41	138956	59.076	ug/l	98
15) Acrylonitrile	3.068	53	273035	303.890	ug/l	99
16) Acetone	2.392	43	243280	281.375	ug/l	97
17) Carbon Disulfide	2.502	76	161856	49.180	ug/l	100
18) Methyl Acetate	2.709	43	126981	63.103	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	296455	58.086	ug/l	99
20) Methylene Chloride	2.782	84	92150	53.968	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	82844	52.949	ug/l	93
22) Diisopropyl ether	3.763	45	287418	57.656	ug/l	86
23) Vinyl Acetate	3.721	43	1307295	293.165	ug/l	97
24) 1,1-Dichloroethane	3.599	63	152559	54.170	ug/l	98
25) 2-Butanone	4.562	43	394436	309.851	ug/l	97
26) 2,2-Dichloropropane	4.465	77	114139	48.473	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	104772	56.556	ug/l	90
28) Bromochloromethane	4.891	49	53473	53.202	ug/l	# 81
29) Tetrahydrofuran	5.007	42	254181	305.312	ug/l	97
30) Chloroform	5.086	83	169655	57.903	ug/l	97
31) Cyclohexane	5.458	56	111735	47.070	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	147215	55.226	ug/l	97
36) 1,1-Dichloropropene	5.684	75	102517	47.651	ug/l	95
37) Ethyl Acetate	4.715	43	151641	56.490	ug/l	99
38) Carbon Tetrachloride	5.666	117	122721	49.793	ug/l	98
39) Methylcyclohexane	7.373	83	124916	49.423	ug/l	94
40) Benzene	6.031	78	341666	51.516	ug/l	99

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41) Methacrylonitrile	4.922	41	80064	57.950	ug/l	94
42) 1,2-Dichloroethane	6.080	62	134005	55.132	ug/l	96
43) Isopropyl Acetate	6.342	43	232429	57.587	ug/l	98
44) Trichloroethene	7.123	130	93597	53.444	ug/l	87
45) 1,2-Dichloropropane	7.427	63	85106	57.433	ug/l	100
46) Dibromomethane	7.574	93	67204	56.970	ug/l #	79
47) Bromodichloromethane	7.818	83	128506	61.132	ug/l	99
48) Methyl methacrylate	7.690	41	114353	61.806	ug/l	96
49) 1,4-Dioxane	7.665	88	48113	1202.764	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	782127	322.941	ug/l	99
52) Toluene	8.714	92	218911	53.957	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111846	45.977	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	134434	58.172	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	81946	52.448	ug/l	97
56) Ethyl methacrylate	9.116	69	131697	54.464	ug/l	97
57) 1,3-Dichloropropane	9.305	76	135593	51.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	364832	311.166	ug/l	93
59) 2-Hexanone	9.433	43	561022	289.691	ug/l	97
60) Dibromochloromethane	9.519	129	99904	54.315	ug/l	100
61) 1,2-Dibromoethane	9.610	107	88159	51.288	ug/l	100
64) Tetrachloroethene	9.269	164	78392	53.343	ug/l	92
65) Chlorobenzene	10.079	112	215423	52.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	80372	55.212	ug/l	96
67) Ethyl Benzene	10.189	91	346378	50.960	ug/l	99
68) m/p-Xylenes	10.299	106	278024	102.142	ug/l	92
69) o-Xylene	10.640	106	139920	53.687	ug/l	94
70) Styrene	10.652	104	240172	56.160	ug/l	96
71) Bromoform	10.799	173	77860	59.765	ug/l #	100
73) Isopropylbenzene	10.963	105	351387	50.049	ug/l	96
74) N-amyl acetate	10.841	43	181211	59.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	132144	57.439	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107210m	57.196	ug/l	
77) Bromobenzene	11.195	156	105956	53.471	ug/l	79
78) n-propylbenzene	11.305	91	388222	52.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	244667	51.488	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	298213	52.104	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	38666	56.188	ug/l	94
82) 4-Chlorotoluene	11.451	91	281232	52.131	ug/l	92
83) tert-Butylbenzene	11.713	119	321869	52.516	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	306924	53.296	ug/l	94
85) sec-Butylbenzene	11.890	105	374477	53.315	ug/l	95
86) p-Isopropyltoluene	12.006	119	335127	53.126	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	188988	52.471	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	189047	50.945	ug/l	94
89) n-Butylbenzene	12.329	91	268730	52.979	ug/l	97
90) Hexachloroethane	12.536	117	56192	53.266	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	198926	52.289	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31416	59.095	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	140641	52.888	ug/l	96
94) Hexachlorobutadiene	13.725	225	65268	49.149	ug/l	99
95) Naphthalene	13.774	128	452652	57.440	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149535	55.021	ug/l	97

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

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