

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041830.D
 Acq On : 12 Jun 2024 10:22
 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 06/13/2024
 Supervised By : Mahesh Dadoda 06/13/2024

Quant Time: Jun 13 03:38:06 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	5.538	168	191011	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.751	114	276292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	254233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	139999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109684	46.820	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.640%		
35) Dibromofluoromethane	5.379	113	88377	46.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.641	98	317924	47.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	11.079	95	120950	49.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73541m	43.817	ug/l	
3) Chloromethane	1.300	50	78137	42.669	ug/l	99
4) Vinyl Chloride	1.380	62	84069	44.595	ug/l	100
5) Bromomethane	1.599	94	53169	40.498	ug/l	96
6) Chloroethane	1.666	64	45573m	39.997	ug/l	
7) Trichlorofluoromethane	1.855	101	154137	50.070	ug/l	99
8) Diethyl Ether	2.136	74	66398	55.964	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.300	101	85497	49.014	ug/l	90
10) Methyl Iodide	2.428	142	94656	43.517	ug/l	88
11) Tert butyl alcohol	3.068	59	91929	221.825	ug/l	97
12) 1,1-Dichloroethene	2.294	96	79756	46.841	ug/l	89
13) Acrolein	2.239	56	105546	273.532	ug/l	98
14) Allyl chloride	2.648	41	123578	44.117	ug/l	99
15) Acrylonitrile	3.075	53	273572	269.175	ug/l	98
16) Acetone	2.404	43	289899	288.344	ug/l	98
17) Carbon Disulfide	2.489	76	152783	40.562	ug/l	99
18) Methyl Acetate	2.715	43	140316	62.728	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	291560	51.180	ug/l	99
20) Methylene Chloride	2.776	84	92010	43.888	ug/l	96
21) trans-1,2-Dichloroethene	3.075	96	84173	47.647	ug/l	91
22) Diisopropyl ether	3.770	45	296128	51.729	ug/l #	83
23) Vinyl Acetate	3.721	43	1341499	260.846	ug/l	97
24) 1,1-Dichloroethane	3.593	63	159166	49.171	ug/l	99
25) 2-Butanone	4.574	43	405159	278.268	ug/l	100
26) 2,2-Dichloropropane	4.458	77	134379	50.598	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	104828	49.640	ug/l	92
28) Bromochloromethane	4.891	49	61740	44.284	ug/l	84
29) Tetrahydrofuran	5.019	42	252719	275.223	ug/l	97
30) Chloroform	5.086	83	168117	49.467	ug/l	95
31) Cyclohexane	5.452	56	134125	48.493	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	147177	49.417	ug/l	98
36) 1,1-Dichloropropene	5.678	75	112716	48.730	ug/l	96
37) Ethyl Acetate	4.721	43	153648	52.635	ug/l	99
38) Carbon Tetrachloride	5.659	117	123614	47.039	ug/l	99
39) Methylcyclohexane	7.366	83	143752	50.587	ug/l	95
40) Benzene	6.025	78	355228	49.133	ug/l	99

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41) Methacrylonitrile	4.922	41	79284	55.536	ug/l	95
42) 1,2-Dichloroethane	6.080	62	132796	49.202	ug/l	96
43) Isopropyl Acetate	6.348	43	233776	53.044	ug/l	99
44) Trichloroethene	7.117	130	96597	49.126	ug/l	90
45) 1,2-Dichloropropane	7.421	63	88758	51.633	ug/l	98
46) Dibromomethane	7.574	93	66467	50.412	ug/l #	81
47) Bromodichloromethane	7.818	83	123469	50.575	ug/l	98
48) Methyl methacrylate	7.696	41	113274	53.520	ug/l	95
49) 1,4-Dioxane	7.677	88	50305m	1087.812	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	773229	270.558	ug/l	98
52) Toluene	8.714	92	230482	50.233	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	129806	54.017	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	141406	53.193	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	93759	50.692	ug/l	96
56) Ethyl methacrylate	9.116	69	154310	54.660	ug/l	98
57) 1,3-Dichloropropane	9.305	76	155130	50.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	357569	269.033	ug/l	95
59) 2-Hexanone	9.433	43	615661	282.559	ug/l	98
60) Dibromochloromethane	9.518	129	105140	51.243	ug/l	100
61) 1,2-Dibromoethane	9.604	107	98123	50.265	ug/l	98
64) Tetrachloroethene	9.269	164	92361	48.472	ug/l	91
65) Chlorobenzene	10.079	112	264728	48.519	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	94299	49.807	ug/l	99
67) Ethyl Benzene	10.189	91	438591	50.440	ug/l	100
68) m/p-Xylenes	10.299	106	345649	99.923	ug/l	94
69) o-Xylene	10.640	106	171147	49.735	ug/l	94
70) Styrene	10.652	104	288452	50.750	ug/l	96
71) Bromoform	10.799	173	81310	49.314	ug/l #	99
73) Isopropylbenzene	10.957	105	439008	50.553	ug/l	97
74) N-amyl acetate	10.841	43	207089	53.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	152860	49.599	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	126001m	51.583	ug/l	
77) Bromobenzene	11.195	156	124650	48.628	ug/l	82
78) n-propylbenzene	11.299	91	495786	51.992	ug/l	97
79) 2-Chlorotoluene	11.360	91	300332	49.001	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	367487	50.683	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47197	52.661	ug/l	95
82) 4-Chlorotoluene	11.451	91	345776	49.589	ug/l	92
83) tert-Butylbenzene	11.713	119	389623	49.885	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	372937	50.765	ug/l	93
85) sec-Butylbenzene	11.890	105	458933	51.253	ug/l	96
86) p-Isopropyltoluene	12.006	119	404769	51.542	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	226279	49.428	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	228180	48.353	ug/l	95
89) n-Butylbenzene	12.329	91	334067	53.736	ug/l	98
90) Hexachloroethane	12.536	117	66885	50.075	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	230444	49.419	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34465	55.356	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	164223	53.436	ug/l	96
94) Hexachlorobutadiene	13.725	225	80423	52.820	ug/l	99
95) Naphthalene	13.774	128	505475	55.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	169788	53.681	ug/l	95

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

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