

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042153.D
 Acq On : 02 Jul 2024 20:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 03:40:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	149808	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81997	47.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.385	113	79369	51.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.560%		
50) Toluene-d8	8.647	98	264860	48.707	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.420%		
62) 4-Bromofluorobenzene	11.079	95	103991	51.879	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	76322	66.873	ug/l	97
3) Chloromethane	1.300	50	79784	55.723	ug/l	98
4) Vinyl Chloride	1.374	62	80635	56.182	ug/l	99
5) Bromomethane	1.593	94	44558	62.871	ug/l	99
6) Chloroethane	1.666	64	39031	66.433	ug/l	96
7) Trichlorofluoromethane	1.867	101	104522	55.585	ug/l	98
8) Diethyl Ether	2.136	74	46482	52.660	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.312	101	76129	58.772	ug/l #	85
10) Methyl Iodide	2.440	142	98559	61.217	ug/l #	85
11) Tert butyl alcohol	3.001	59	91107	277.896	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	76893	59.510	ug/l	83
13) Acrolein	2.239	56	78869	214.609	ug/l	98
14) Allyl chloride	2.654	41	112653	54.974	ug/l	88
15) Acrylonitrile	3.074	53	239083	279.194	ug/l	98
16) Acetone	2.392	43	191065	251.886	ug/l #	88
17) Carbon Disulfide	2.501	76	159955	60.714	ug/l	99
18) Methyl Acetate	2.709	43	100438	48.538	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	250929	58.783	ug/l	100
20) Methylene Chloride	2.782	84	88098	53.041	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	77275	58.927	ug/l	84
22) Diisopropyl ether	3.769	45	244452	56.436	ug/l #	81
23) Vinyl Acetate	3.721	43	1091295	295.012	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	140207	57.802	ug/l	96
25) 2-Butanone	4.568	43	318963	270.286	ug/l	93
26) 2,2-Dichloropropane	4.471	77	87652	49.900	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	96553	58.787	ug/l	84
28) Bromochloromethane	4.903	49	48042	46.241	ug/l #	69
29) Tetrahydrofuran	5.013	42	211804	277.905	ug/l	93
30) Chloroform	5.092	83	146286	57.887	ug/l	96
31) Cyclohexane	5.464	56	117412	58.118	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	126089	59.712	ug/l	95
36) 1,1-Dichloropropene	5.690	75	95588	58.154	ug/l	95
37) Ethyl Acetate	4.720	43	121909	56.936	ug/l	96
38) Carbon Tetrachloride	5.672	117	109420	60.250	ug/l	99
39) Methylcyclohexane	7.379	83	125289	60.271	ug/l	90
40) Benzene	6.031	78	322936	58.254	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	67500	58.156	ug/l	92
42) 1,2-Dichloroethane	6.086	62	102929	57.642	ug/l	91
43) Isopropyl Acetate	6.348	43	183418	55.808	ug/l #	93
44) Trichloroethene	7.122	130	88849	59.792	ug/l	87
45) 1,2-Dichloropropane	7.427	63	77919	57.163	ug/l	99
46) Dibromomethane	7.580	93	58109	58.508	ug/l #	76
47) Bromodichloromethane	7.824	83	107530	58.971	ug/l	96
48) Methyl methacrylate	7.696	41	91218	58.156	ug/l #	85
49) 1,4-Dioxane	7.671	88	46303	1113.355	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	629922	278.242	ug/l	93
52) Toluene	8.720	92	209217	59.267	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105155	54.321	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	119515	59.867	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	85588	58.200	ug/l	98
56) Ethyl methacrylate	9.116	69	137651	60.167	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	137113	57.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	299842	281.241	ug/l	92
59) 2-Hexanone	9.433	43	487044	280.883	ug/l	90
60) Dibromochloromethane	9.518	129	97646	61.128	ug/l	98
61) 1,2-Dibromoethane	9.610	107	90396	59.272	ug/l	99
64) Tetrachloroethene	9.275	164	87807	60.101	ug/l	90
65) Chlorobenzene	10.079	112	240269	57.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86604	59.273	ug/l	97
67) Ethyl Benzene	10.195	91	391072	59.795	ug/l	97
68) m/p-Xylenes	10.299	106	315437	119.479	ug/l	90
69) o-Xylene	10.640	106	156590	59.909	ug/l	91
70) Styrene	10.652	104	267551	61.042	ug/l	94
71) Bromoform	10.799	173	79516	56.005	ug/l #	99
73) Isopropylbenzene	10.963	105	403277	59.484	ug/l	97
74) N-amyl acetate	10.841	43	169487	56.281	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	135906	53.913	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	108278m	53.493	ug/l	
77) Bromobenzene	11.195	156	116685	57.790	ug/l	77
78) n-propylbenzene	11.305	91	438892	59.664	ug/l	95
79) 2-Chlorotoluene	11.366	91	269373	56.837	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	338780	59.994	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	37910	53.188	ug/l	88
82) 4-Chlorotoluene	11.451	91	307557	58.703	ug/l	92
83) tert-Butylbenzene	11.713	119	358226	57.814	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	341000	60.191	ug/l	93
85) sec-Butylbenzene	11.890	105	421120	60.089	ug/l	95
86) p-Isopropyltoluene	12.006	119	375079	61.267	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	206904	58.299	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	208218	57.180	ug/l	95
89) n-Butylbenzene	12.329	91	288778	61.278	ug/l	97
90) Hexachloroethane	12.536	117	61224	58.740	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	210792	58.044	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29208	58.468	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.585	180	143288	60.230	ug/l	96
94) Hexachlorobutadiene	13.725	225	69791	58.015	ug/l	98
95) Naphthalene	13.774	128	451515	56.385	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	150648	60.041	ug/l	95

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

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