

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040099.D
 Acq On : 02 Feb 2024 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 02:22:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63869	47.757	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.520%			
35) Dibromofluoromethane	5.391	113	50760	51.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	8.647	98	181613	49.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	71758	50.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43714	46.704	ug/l	98
3) Chloromethane	1.294	50	44628	50.277	ug/l	99
4) Vinyl Chloride	1.374	62	38808	47.273	ug/l	99
5) Bromomethane	1.599	94	43139	54.056	ug/l	99
6) Chloroethane	1.678	64	24504	45.213	ug/l	95
7) Trichlorofluoromethane	1.886	101	54460	41.695	ug/l	98
8) Diethyl Ether	2.136	74	21750	47.101	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	44181	45.335	ug/l	98
10) Methyl Iodide	2.447	142	55632	53.625	ug/l	95
11) Tert butyl alcohol	2.965	59	67772	279.282	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	44122	47.207	ug/l	97
13) Acrolein	2.239	56	54094	232.667	ug/l	99
14) Allyl chloride	2.660	41	82432	48.928	ug/l	97
15) Acrylonitrile	3.062	53	162039	266.568	ug/l	98
16) Acetone	2.380	43	136225	217.395	ug/l	95
17) Carbon Disulfide	2.508	76	121583	44.492	ug/l	99
18) Methyl Acetate	2.703	43	91180	61.422	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	166661	52.054	ug/l	98
20) Methylene Chloride	2.788	84	54709	49.129	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	50738	49.293	ug/l	94
22) Diisopropyl ether	3.763	45	168183	51.536	ug/l	90
23) Vinyl Acetate	3.721	43	757438	259.344	ug/l	99
24) 1,1-Dichloroethane	3.605	63	95821	51.267	ug/l	99
25) 2-Butanone	4.556	43	228075	261.833	ug/l	94
26) 2,2-Dichloropropane	4.471	77	63275	43.388	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57845	50.365	ug/l	96
28) Bromochloromethane	4.897	49	43889	50.358	ug/l	98
29) Tetrahydrofuran	5.001	42	150251	271.283	ug/l	97
30) Chloroform	5.099	83	99351	49.503	ug/l	98
31) Cyclohexane	5.470	56	78653	46.951	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	86893	50.449	ug/l	100
36) 1,1-Dichloropropene	5.690	75	73109	51.217	ug/l	99
37) Ethyl Acetate	4.715	43	86596	55.549	ug/l	100
38) Carbon Tetrachloride	5.678	117	69516	50.898	ug/l	98
39) Methylcyclohexane	7.379	83	79202	45.605	ug/l	99
40) Benzene	6.037	78	207738	49.967	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45642	57.733	ug/l	92
42) 1,2-Dichloroethane	6.086	62	81384	50.852	ug/l	99
43) Isopropyl Acetate	6.342	43	132674	53.969	ug/l	99
44) Trichloroethene	7.129	130	52299	47.803	ug/l	98
45) 1,2-Dichloropropane	7.427	63	54922	50.034	ug/l	99
46) Dibromomethane	7.580	93	40673	49.365	ug/l	98
47) Bromodichloromethane	7.824	83	76836	52.361	ug/l	98
48) Methyl methacrylate	7.696	41	66720	55.095	ug/l	93
49) 1,4-Dioxane	7.659	88	29124	1106.718	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	468934	279.436	ug/l	100
52) Toluene	8.720	92	133668	51.583	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	77250	50.757	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84713	52.163	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55550	51.790	ug/l	90
56) Ethyl methacrylate	9.116	69	87962	56.159	ug/l	95
57) 1,3-Dichloropropane	9.305	76	92211	52.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	218269	277.120	ug/l	97
59) 2-Hexanone	9.433	43	371497	277.647	ug/l	99
60) Dibromochloromethane	9.519	129	56534	52.455	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61849	53.336	ug/l	100
64) Tetrachloroethene	9.275	164	42695	47.699	ug/l	96
65) Chlorobenzene	10.079	112	142607	50.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49947	52.014	ug/l	98
67) Ethyl Benzene	10.195	91	258353	50.640	ug/l	98
68) m/p-Xylenes	10.299	106	199768	104.083	ug/l	100
69) o-Xylene	10.640	106	98630	54.175	ug/l	100
70) Styrene	10.652	104	162911	53.093	ug/l	99
71) Bromoform	10.799	173	39427	50.533	ug/l #	100
73) Isopropylbenzene	10.963	105	253033	50.522	ug/l	99
74) N-amyl acetate	10.841	43	123572	51.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	94977	50.439	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	78539m	52.878	ug/l	
77) Bromobenzene	11.195	156	59074	51.133	ug/l	99
78) n-propylbenzene	11.305	91	311395	50.525	ug/l	98
79) 2-Chlorotoluene	11.366	91	180464	48.638	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219708	51.032	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23560	50.034	ug/l	97
82) 4-Chlorotoluene	11.457	91	213853	50.217	ug/l	99
83) tert-Butylbenzene	11.713	119	209727	50.907	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	221822	51.634	ug/l	99
85) sec-Butylbenzene	11.890	105	272444	49.915	ug/l	99
86) p-Isopropyltoluene	12.006	119	221301	49.652	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115483	49.550	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	116670	48.902	ug/l	99
89) n-Butylbenzene	12.335	91	216449	50.034	ug/l	98
90) Hexachloroethane	12.536	117	36230	49.770	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	116013	51.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23995	56.216	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70813	50.410	ug/l	97
94) Hexachlorobutadiene	13.725	225	26466	47.829	ug/l	97
95) Naphthalene	13.774	128	261199	54.746	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70846	51.009	ug/l	99

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

