

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039710.D
 Acq On : 11 Jan 2024 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 12 01:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	114430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89891	46.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.780%		
35) Dibromofluoromethane	5.379	113	66900	49.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.647	98	248059	48.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	98632	49.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71281	48.145	ug/l	96
3) Chloromethane	1.294	50	76101	45.008	ug/l	100
4) Vinyl Chloride	1.374	62	72825	45.638	ug/l	98
5) Bromomethane	1.599	94	43500	47.777	ug/l	100
6) Chloroethane	1.685	64	42974	47.374	ug/l	99
7) Trichlorofluoromethane	1.886	101	107805	46.834	ug/l	100
8) Diethyl Ether	2.130	74	39510	46.446	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	67236	47.114	ug/l	97
10) Methyl Iodide	2.453	142	71267	47.338	ug/l	92
11) Tert butyl alcohol	2.953	59	102676	205.772	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	64015	46.480	ug/l	93
13) Acrolein	2.233	56	67931	219.476	ug/l	99
14) Allyl chloride	2.660	41	125380	46.254	ug/l	97
15) Acrylonitrile	3.056	53	234802	227.805	ug/l	99
16) Acetone	2.373	43	305554	283.436	ug/l	91
17) Carbon Disulfide	2.508	76	184807	46.686	ug/l	100
18) Methyl Acetate	2.697	43	101535	45.019	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	223555	45.721	ug/l	97
20) Methylene Chloride	2.788	84	74352	45.597	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	68541	47.291	ug/l	98
22) Diisopropyl ether	3.757	45	241193	46.626	ug/l	92
23) Vinyl Acetate	3.715	43	1158702	240.968	ug/l	99
24) 1,1-Dichloroethane	3.605	63	132191	46.451	ug/l	98
25) 2-Butanone	4.544	43	368871	238.103	ug/l	98
26) 2,2-Dichloropropane	4.471	77	105707	46.281	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	78302	47.104	ug/l	99
28) Bromochloromethane	4.891	49	69291	53.714	ug/l	96
29) Tetrahydrofuran	4.995	42	222074	222.711	ug/l	99
30) Chloroform	5.086	83	132012	46.990	ug/l	98
31) Cyclohexane	5.470	56	117853	46.586	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	113099	47.024	ug/l	99
36) 1,1-Dichloropropene	5.684	75	98111	46.343	ug/l	99
37) Ethyl Acetate	4.702	43	129157	45.730	ug/l	98
38) Carbon Tetrachloride	5.672	117	94359	48.664	ug/l	94
39) Methylcyclohexane	7.379	83	121927	47.961	ug/l	96
40) Benzene	6.031	78	283682	47.322	ug/l	99

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Quant Time: Jan 12 01:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	69231	50.127	ug/l	98
42) 1,2-Dichloroethane	6.080	62	110065	48.293	ug/l	99
43) Isopropyl Acetate	6.330	43	198580	47.930	ug/l	99
44) Trichloroethene	7.123	130	69426	47.255	ug/l	99
45) 1,2-Dichloropropane	7.427	63	77720	48.329	ug/l	98
46) Dibromomethane	7.580	93	53813	48.448	ug/l	96
47) Bromodichloromethane	7.818	83	101790	49.481	ug/l	97
48) Methyl methacrylate	7.683	41	97259	47.758	ug/l	97
49) 1,4-Dioxane	7.653	88	34687	880.261	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	658656	230.830	ug/l	98
52) Toluene	8.714	92	171662	47.942	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	113344	51.924	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	119427	49.756	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	72165	47.338	ug/l	93
56) Ethyl methacrylate	9.110	69	120320	48.766	ug/l	97
57) 1,3-Dichloropropane	9.305	76	123862	47.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	291025	249.542	ug/l	95
59) 2-Hexanone	9.427	43	556338	246.350	ug/l	99
60) Dibromochloromethane	9.518	129	73387	51.046	ug/l	100
61) 1,2-Dibromoethane	9.604	107	77471	49.073	ug/l	99
64) Tetrachloroethene	9.269	164	55496	46.213	ug/l	94
65) Chlorobenzene	10.073	112	179070	46.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66003	50.398	ug/l	99
67) Ethyl Benzene	10.189	91	341136	47.774	ug/l	98
68) m/p-Xylenes	10.299	106	250902	95.543	ug/l	93
69) o-Xylene	10.640	106	124034	47.693	ug/l	95
70) Styrene	10.652	104	205110	48.281	ug/l	98
71) Bromoform	10.799	173	51551	52.422	ug/l #	100
73) Isopropylbenzene	10.957	105	330769	47.536	ug/l	100
74) N-amyl acetate	10.841	43	179063	49.369	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	123467	46.467	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105591m	46.601	ug/l	
77) Bromobenzene	11.195	156	73654	47.540	ug/l	96
78) n-propylbenzene	11.305	91	410199	48.706	ug/l	98
79) 2-Chlorotoluene	11.360	91	236957	45.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	282227	47.756	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	36653	48.464	ug/l	97
82) 4-Chlorotoluene	11.451	91	280972	47.589	ug/l	98
83) tert-Butylbenzene	11.713	119	274012	48.565	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	285807	48.475	ug/l	100
85) sec-Butylbenzene	11.890	105	360099	49.166	ug/l	99
86) p-Isopropyltoluene	12.006	119	292717	50.006	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141869	47.770	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	144625	47.150	ug/l	99
89) n-Butylbenzene	12.329	91	286236	50.628	ug/l	96
90) Hexachloroethane	12.536	117	52357	53.018	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138763	47.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30704	47.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	88280	49.202	ug/l	99
94) Hexachlorobutadiene	13.725	225	38355	51.424	ug/l	99
95) Naphthalene	13.774	128	314204	47.569	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87649	48.402	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

