

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042279.D
 Acq On : 10 Jul 2024 19:51
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 11 01:04:06 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	152388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80876	46.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	79273	51.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	8.647	98	259728	47.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	104064	51.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	63739	54.902	ug/l	100
3) Chloromethane	1.300	50	68583	47.089	ug/l	99
4) Vinyl Chloride	1.374	62	69813	47.818	ug/l	99
5) Bromomethane	1.599	94	40292	55.889	ug/l	99
6) Chloroethane	1.666	64	36613	61.007	ug/l	97
7) Trichlorofluoromethane	1.874	101	108003	56.464	ug/l	98
8) Diethyl Ether	2.136	74	41171	45.854	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	67166	50.974	ug/l	# 84
10) Methyl Iodide	2.447	142	86578	52.865	ug/l	# 87
11) Tert butyl alcohol	2.995	59	87376	262.003	ug/l	# 93
12) 1,1-Dichloroethene	2.312	96	68059	51.781	ug/l	# 78
13) Acrolein	2.239	56	79381	212.346	ug/l	97
14) Allyl chloride	2.660	41	100872	48.392	ug/l	88
15) Acrylonitrile	3.068	53	220213	252.804	ug/l	98
16) Acetone	2.392	43	174257	225.839	ug/l	# 88
17) Carbon Disulfide	2.501	76	132133	49.304	ug/l	98
18) Methyl Acetate	2.709	43	97166	46.162	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	224199	51.632	ug/l	99
20) Methylene Chloride	2.788	84	78256	46.318	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	68509	51.358	ug/l	85
22) Diisopropyl ether	3.770	45	220495	50.043	ug/l	# 81
23) Vinyl Acetate	3.721	43	979833	260.396	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	126374	51.217	ug/l	96
25) 2-Butanone	4.568	43	291709	243.006	ug/l	92
26) 2,2-Dichloropropane	4.471	77	82545	46.197	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	85452	51.147	ug/l	85
28) Bromochloromethane	4.897	49	49449	46.790	ug/l	# 67
29) Tetrahydrofuran	5.013	42	191850	247.462	ug/l	91
30) Chloroform	5.092	83	132179	51.419	ug/l	97
31) Cyclohexane	5.464	56	102361	49.810	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	114307	53.216	ug/l	95
36) 1,1-Dichloropropene	5.690	75	85516	52.096	ug/l	95
37) Ethyl Acetate	4.727	43	110253	51.560	ug/l	96
38) Carbon Tetrachloride	5.678	117	98168	54.126	ug/l	97
39) Methylcyclohexane	7.379	83	108026	52.036	ug/l	91
40) Benzene	6.037	78	287817	51.987	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	59244	51.110	ug/l	91
42) 1,2-Dichloroethane	6.092	62	92832	52.056	ug/l	91
43) Isopropyl Acetate	6.348	43	167949	51.169	ug/l #	93
44) Trichloroethene	7.123	130	80270	54.090	ug/l	84
45) 1,2-Dichloropropane	7.427	63	70939	52.111	ug/l	97
46) Dibromomethane	7.580	93	52173	52.601	ug/l #	73
47) Bromodichloromethane	7.824	83	97541	53.564	ug/l	95
48) Methyl methacrylate	7.696	41	82511	52.674	ug/l #	84
49) 1,4-Dioxane	7.665	88	41529	1001.920	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	576020	254.771	ug/l	93
52) Toluene	8.720	92	188418	53.446	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96440	50.066	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	108791	54.567	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	78354	53.351	ug/l	96
56) Ethyl methacrylate	9.116	69	123091	53.874	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	123728	52.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	289397	271.804	ug/l	92
59) 2-Hexanone	9.433	43	446056	257.586	ug/l	91
60) Dibromochloromethane	9.519	129	88011	55.169	ug/l	100
61) 1,2-Dibromoethane	9.610	107	83340	54.718	ug/l	100
64) Tetrachloroethene	9.275	164	78167	53.001	ug/l	89
65) Chlorobenzene	10.079	112	220190	52.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	78767	53.403	ug/l	98
67) Ethyl Benzene	10.195	91	350909	53.151	ug/l	97
68) m/p-Xylenes	10.299	106	285609	107.166	ug/l	91
69) o-Xylene	10.640	106	142554	54.027	ug/l	91
70) Styrene	10.652	104	242662	54.844	ug/l	94
71) Bromoform	10.799	173	72615	50.962	ug/l #	98
73) Isopropylbenzene	10.963	105	361142	51.906	ug/l	96
74) N-amyl acetate	10.841	43	151805	49.119	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	125363	48.458	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	99822m	48.054	ug/l	
77) Bromobenzene	11.195	156	105662	50.991	ug/l	76
78) n-propylbenzene	11.305	91	393107	52.073	ug/l	96
79) 2-Chlorotoluene	11.366	91	244364	50.241	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	303377	52.350	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	36144	49.413	ug/l	87
82) 4-Chlorotoluene	11.451	91	277349	51.583	ug/l	92
83) tert-Butylbenzene	11.713	119	324955	51.103	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	309326	53.203	ug/l	92
85) sec-Butylbenzene	11.890	105	379911	52.821	ug/l	95
86) p-Isopropyltoluene	12.006	119	335246	53.359	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	184193	50.571	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	187101	50.067	ug/l	95
89) n-Butylbenzene	12.335	91	250948	51.888	ug/l	97
90) Hexachloroethane	12.536	117	55884	52.245	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	191093	51.273	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26397	51.488	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	128383	52.584	ug/l	95
94) Hexachlorobutadiene	13.725	225	62773	50.846	ug/l	99
95) Naphthalene	13.774	128	406007	49.497	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133613	51.889	ug/l	94

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

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

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