

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041503.D
 Acq On : 13 May 2024 19:17
 Operator : JC/MD
 Sample : P2445-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-01B-83-050924MSD

Quant Time: May 14 01:38:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	226181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91509	54.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.460%
35) Dibromofluoromethane	5.385	113	76452	49.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	8.647	98	260120	53.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.240%
62) 4-Bromofluorobenzene	11.079	95	99705	53.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	62721	49.241	ug/l	100
3) Chloromethane	1.295	50	65947	50.033	ug/l	98
4) Vinyl Chloride	1.374	62	69078	54.977	ug/l	100
5) Bromomethane	1.599	94	50241	63.782	ug/l	98
6) Chloroethane	1.666	64	38431	65.874	ug/l	97
7) Trichlorofluoromethane	1.868	101	123501	57.000	ug/l	99
8) Diethyl Ether	2.136	74	46686	61.133	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	71208	58.475	ug/l	88
10) Methyl Iodide	2.447	142	87256	66.576	ug/l	90
11) Tert butyl alcohol	3.014	59	125493	371.534	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	73493	61.180	ug/l	90
13) Acrolein	2.240	56	113720	424.392	ug/l	98
14) Allyl chloride	2.660	41	132580	65.693	ug/l	98
15) Acrylonitrile	3.069	53	258153	334.875	ug/l	99
16) Acetone	2.392	43	224570	303.019	ug/l	97
17) Carbon Disulfide	2.502	76	141819	50.223	ug/l	98
18) Methyl Acetate	2.709	43	117627	68.128	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	269629	61.573	ug/l	97
20) Methylene Chloride	2.788	84	84584	57.735	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	75869	56.515	ug/l	90
22) Diisopropyl ether	3.764	45	264780	61.905	ug/l	91
23) Vinyl Acetate	3.721	43	1196853	312.814	ug/l	97
24) 1,1-Dichloroethane	3.605	63	147423	61.009	ug/l	98
25) 2-Butanone	4.562	43	379251	347.225	ug/l	97
26) 2,2-Dichloropropane	4.471	77	112014	55.443	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	97594	61.400	ug/l	90
28) Bromochloromethane	4.898	49	44614	51.733	ug/l	# 83
29) Tetrahydrofuran	5.013	42	239462	335.231	ug/l	96
30) Chloroform	5.093	83	151976	60.453	ug/l	97
31) Cyclohexane	5.465	56	108870	53.453	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	136914	59.861	ug/l	98
36) 1,1-Dichloropropene	5.690	75	97914	53.423	ug/l	96
37) Ethyl Acetate	4.721	43	137428	60.094	ug/l	100
38) Carbon Tetrachloride	5.672	117	118164	56.278	ug/l	97
39) Methylcyclohexane	7.379	83	109275	50.750	ug/l	94
40) Benzene	6.032	78	321577	56.916	ug/l	99

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41) Methacrylonitrile	4.928	41	75934	64.514	ug/l	96
42) 1,2-Dichloroethane	6.086	62	122178	59.004	ug/l	97
43) Isopropyl Acetate	6.342	43	209439	60.912	ug/l	99
44) Trichloroethene	7.123	130	87559	58.687	ug/l	92
45) 1,2-Dichloropropane	7.428	63	79125	62.679	ug/l	99
46) Dibromomethane	7.580	93	60487	60.189	ug/l #	79
47) Bromodichloromethane	7.818	83	114965	64.197	ug/l	97
48) Methyl methacrylate	7.696	41	104664	66.402	ug/l	95
49) 1,4-Dioxane	7.665	88	54010	1584.883	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	742558	359.900	ug/l	100
52) Toluene	8.714	92	205807	59.545	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	114855	54.919	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	122629	62.287	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	86716	65.149	ug/l	97
56) Ethyl methacrylate	9.116	69	139238	67.592	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141191	63.558	ug/l	99
59) 2-Hexanone	9.433	43	583716	353.803	ug/l	98
60) Dibromochloromethane	9.519	129	99918	63.765	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86724	59.223	ug/l	100
64) Tetrachloroethene	9.275	164	80462	54.273	ug/l	89
65) Chlorobenzene	10.080	112	242433	58.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87967	59.902	ug/l	98
67) Ethyl Benzene	10.195	91	396454	57.817	ug/l	98
68) m/p-Xylenes	10.299	106	313446	114.150	ug/l	92
69) o-Xylene	10.640	106	156617	59.569	ug/l	94
70) Styrene	10.653	104	263950	61.181	ug/l	95
71) Bromoform	10.799	173	80553	61.293	ug/l #	100
73) Isopropylbenzene	10.964	105	400297	57.623	ug/l	97
74) N-amyl acetate	10.842	43	180920	59.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	143926	63.227	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118443m	63.862	ug/l	
77) Bromobenzene	11.195	156	117150	59.750	ug/l	80
78) n-propylbenzene	11.305	91	439799	60.277	ug/l	97
79) 2-Chlorotoluene	11.366	91	274683	58.420	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	326387	57.634	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	41794	61.381	ug/l	97
82) 4-Chlorotoluene	11.451	91	316589	59.310	ug/l	93
83) tert-Butylbenzene	11.713	119	362977	59.854	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	334727	58.743	ug/l	93
85) sec-Butylbenzene	11.890	105	416288	59.900	ug/l	96
86) p-Isopropyltoluene	12.006	119	363665	58.265	ug/l	95
87) 1,3-Dichlorobenzene	11.970	146	208031	58.373	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	203478	55.418	ug/l	96
89) n-Butylbenzene	12.329	91	257166	51.239	ug/l	97
90) Hexachloroethane	12.536	117	57472	55.060	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	194398	51.643	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30706	58.375	ug/l #	58
93) 1,2,4-Trichlorobenzene	13.585	180	140493	53.395	ug/l	95
94) Hexachlorobutadiene	13.725	225	65230	49.644	ug/l	99
95) Naphthalene	13.774	128	459991	58.993	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	145528	54.117	ug/l	95

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

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