

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028692.D
 Acq On : 13 May 2022 20:46
 Operator : JC/MD
 Sample : N2794-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220510MSD

Quant Time: May 16 02:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	309288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116736	47.740	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.480%		
35) Dibromofluoromethane	5.391	113	95914	47.332	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.660%		
50) Toluene-d8	8.653	98	358278	46.895	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.800%		
62) 4-Bromofluorobenzene	11.079	95	132478	46.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	121211	51.893	ug/l	100
3) Chloromethane	1.288	50	114282	51.953	ug/l	100
4) Vinyl Chloride	1.374	62	124885	52.682	ug/l	98
5) Bromomethane	1.599	94	85820	51.345	ug/l	97
6) Chloroethane	1.679	64	78959	53.009	ug/l	99
7) Trichlorofluoromethane	1.886	101	188210	49.798	ug/l	97
8) Diethyl Ether	2.136	74	70818	51.424	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	94889	47.710	ug/l	95
10) Methyl Iodide	2.453	142	112570	47.276	ug/l	93
11) Tert butyl alcohol	2.965	59	124566	239.715	ug/l	100
12) 1,1-Dichloroethene	2.319	96	93001	50.375	ug/l	99
13) Acrolein	2.233	56	90758	226.128	ug/l	97
14) Allyl chloride	2.666	41	143726	48.539	ug/l	92
15) Acrylonitrile	3.063	53	310986	263.967	ug/l	100
16) Acetone	2.380	43	274206	261.289	ug/l	92
17) Carbon Disulfide	2.514	76	247720	51.762	ug/l	99
18) Methyl Acetate	2.703	43	111140	42.284	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	338557	51.676	ug/l	99
20) Methylene Chloride	2.788	84	109634	49.796	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	105713	50.835	ug/l	98
22) Diisopropyl ether	3.764	45	326287	51.565	ug/l	95
23) Vinyl Acetate	3.721	43	1146052	210.092	ug/l	97
24) 1,1-Dichloroethane	3.611	63	192779	52.405	ug/l	98
25) 2-Butanone	4.556	43	429186	260.544	ug/l	95
26) 2,2-Dichloropropane	4.477	77	84915	29.440	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	122989	50.638	ug/l	95
28) Bromochloromethane	4.904	49	80131	51.750	ug/l	92
29) Tetrahydrofuran	5.007	42	279835	261.345	ug/l	92
30) Chloroform	5.099	83	204249	51.303	ug/l	100
31) Cyclohexane	5.477	56	166795	49.143	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	178057	51.230	ug/l	98
36) 1,1-Dichloropropene	5.696	75	147633	48.505	ug/l	100
37) Ethyl Acetate	4.715	43	134760	42.390	ug/l	97
38) Carbon Tetrachloride	5.684	117	153413	50.085	ug/l	97
39) Methylcyclohexane	7.385	83	162333	46.508	ug/l	96
40) Benzene	6.038	78	438155	50.090	ug/l	100

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41) Methacrylonitrile	4.922	41	86219	50.583	ug/l	94
42) 1,2-Dichloroethane	6.086	62	161786	50.143	ug/l	98
43) Isopropyl Acetate	6.342	43	224870	45.214	ug/l	95
44) Trichloroethene	7.129	130	116192	48.978	ug/l	97
45) 1,2-Dichloropropane	7.434	63	111143	50.926	ug/l	97
46) Dibromomethane	7.580	93	82182	50.424	ug/l	92
47) Bromodichloromethane	7.824	83	155536	51.401	ug/l	98
48) Methyl methacrylate	7.696	41	124429	51.791	ug/l	87
49) 1,4-Dioxane	7.665	88	61887	1031.115	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	857571	261.779	ug/l	93
52) Toluene	8.720	92	285328	50.707	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	148003	42.737	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	160037	47.004	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	117329	51.135	ug/l	99
56) Ethyl methacrylate	9.116	69	180445	51.932	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	195866	50.611	ug/l	100
59) 2-Hexanone	9.433	43	678951	266.761	ug/l	91
60) Dibromochloromethane	9.525	129	117504	52.510	ug/l	97
61) 1,2-Dibromoethane	9.610	107	123862	51.396	ug/l	98
64) Tetrachloroethene	9.275	164	102778	47.169	ug/l	97
65) Chlorobenzene	10.080	112	303627	49.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	109206	50.364	ug/l	99
67) Ethyl Benzene	10.195	91	553872	50.483	ug/l	99
68) m/p-Xylenes	10.305	106	430383	100.756	ug/l	100
69) o-Xylene	10.647	106	209779	49.882	ug/l	98
70) Styrene	10.659	104	350939	51.385	ug/l	98
71) Bromoform	10.799	173	82778	46.213	ug/l #	100
73) Isopropylbenzene	10.964	105	544959	48.839	ug/l	99
74) N-amyl acetate	10.848	43	182560	41.621	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	195009	50.943	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	169242m	49.114	ug/l	
77) Bromobenzene	11.201	156	130311	49.357	ug/l	96
78) n-propylbenzene	11.305	91	629385	48.762	ug/l	99
79) 2-Chlorotoluene	11.366	91	379804	48.010	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	462958	49.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41381	36.922	ug/l #	84
82) 4-Chlorotoluene	11.457	91	439907	48.101	ug/l	100
83) tert-Butylbenzene	11.719	119	449265	49.907	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	462072	49.559	ug/l	100
85) sec-Butylbenzene	11.890	105	538391	48.485	ug/l	99
86) p-Isopropyltoluene	12.012	119	457189	49.066	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248418	47.970	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	254250	47.334	ug/l	98
89) n-Butylbenzene	12.335	91	379148	46.963	ug/l	98
90) Hexachloroethane	12.543	117	74214	49.252	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	252258	49.586	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42652	52.182	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	141222	48.064	ug/l	98
94) Hexachlorobutadiene	13.725	225	54045	45.276	ug/l	95
95) Naphthalene	13.774	128	541553	51.795	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141617	47.988	ug/l	96

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

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