

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031785.D
 Acq On : 29 Sep 2022 19:48
 Operator : JC/MD
 Sample : N4860-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MSD

Quant Time: Sep 30 04:39:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78097	43.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.020%		
35) Dibromofluoromethane	5.391	113	75281	49.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	8.653	98	266482	48.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.079	95	107268	53.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57239	54.971	ug/l	99
3) Chloromethane	1.288	50	43869	47.568	ug/l	99
4) Vinyl Chloride	1.374	62	60028	41.890	ug/l	99
5) Bromomethane	1.611	94	42465	30.802	ug/l	97
6) Chloroethane	1.685	64	56134	32.513	ug/l	98
7) Trichlorofluoromethane	1.886	101	133719	36.962	ug/l	100
8) Diethyl Ether	2.130	74	44233	43.510	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	60557	53.246	ug/l	88
10) Methyl Iodide	2.453	142	50040	44.888	ug/l	100
11) Tert butyl alcohol	2.995	59	52352m	221.090	ug/l	
12) 1,1-Dichloroethene	2.319	96	52977	61.284	ug/l	83
13) Acrolein	2.239	56	21204	188.454	ug/l	98
14) Allyl chloride	2.666	41	66788	44.634	ug/l #	91
15) Acrylonitrile	3.068	53	136110	215.972	ug/l	98
16) Acetone	2.386	43	104181	247.596	ug/l	94
17) Carbon Disulfide	2.508	76	100501	52.791	ug/l	99
18) Methyl Acetate	2.703	43	67355	41.276	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	206366	51.094	ug/l	96
20) Methylene Chloride	2.788	84	62750	54.807	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	62013	49.322	ug/l	85
22) Diisopropyl ether	3.757	45	164478	42.709	ug/l #	85
23) Vinyl Acetate	3.721	43	629146	206.569	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	104022	46.852	ug/l	98
25) 2-Butanone	4.562	43	172945	199.526	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	77429	42.967	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	78334	50.871	ug/l	81
28) Bromochloromethane	4.897	49	42079	40.514	ug/l #	57
29) Tetrahydrofuran	5.013	42	109691	201.448	ug/l #	79
30) Chloroform	5.092	83	131353	48.091	ug/l	99
31) Cyclohexane	5.470	56	77390	44.822	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	117700	52.029	ug/l	95
36) 1,1-Dichloropropene	5.696	75	84077	48.507	ug/l	94
37) Ethyl Acetate	4.714	43	68441	39.147	ug/l #	94
38) Carbon Tetrachloride	5.678	117	106305	54.420	ug/l	98
39) Methylcyclohexane	7.379	83	98927	50.093	ug/l	89
40) Benzene	6.037	78	255711	48.034	ug/l	100

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41) Methacrylonitrile	4.916	41	38840	43.660	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	94385	45.844	ug/l	96
43) Isopropyl Acetate	6.342	43	118002	42.884	ug/l #	91
44) Trichloroethene	7.129	130	80363	53.446	ug/l	89
45) 1,2-Dichloropropane	7.433	63	60977	47.196	ug/l	97
46) Dibromomethane	7.580	93	51667	49.795	ug/l #	86
47) Bromodichloromethane	7.824	83	98590	52.656	ug/l	99
48) Methyl methacrylate	7.696	41	56131	46.384	ug/l #	84
49) 1,4-Dioxane	7.696	88	27872	944.432	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	375828	215.782	ug/l	90
52) Toluene	8.720	92	185759	52.348	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	98565	45.747	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103762	53.326	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	80065	52.405	ug/l	95
56) Ethyl methacrylate	9.116	69	103004	52.695	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	119576	49.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.360	63	554	0.576	ug/l #	46
59) 2-Hexanone	9.433	43	278437	214.264	ug/l	89
60) Dibromochloromethane	9.525	129	89871	50.368	ug/l	100
61) 1,2-Dibromoethane	9.610	107	86503	55.776	ug/l	98
64) Tetrachloroethene	9.275	164	78633	49.903	ug/l	96
65) Chlorobenzene	10.079	112	214550	52.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	85849	58.095	ug/l	98
67) Ethyl Benzene	10.195	91	358179	51.267	ug/l	95
68) m/p-Xylenes	10.305	106	303655	108.172	ug/l	91
69) o-Xylene	10.640	106	148624	54.167	ug/l	92
70) Styrene	10.659	104	249290	55.816	ug/l	95
71) Bromoform	10.799	173	66526	52.282	ug/l #	100
73) Isopropylbenzene	10.963	105	394037	49.433	ug/l	98
74) N-amyl acetate	10.841	43	108322	41.893	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	116247	45.897	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	98374m	44.025	ug/l	
77) Bromobenzene	11.201	156	105574	52.100	ug/l	84
78) n-propylbenzene	11.305	91	434559	48.991	ug/l	95
79) 2-Chlorotoluene	11.366	91	260088	47.484	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	344133	50.930	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27257	42.017	ug/l	98
82) 4-Chlorotoluene	11.457	91	307115	48.533	ug/l	93
83) tert-Butylbenzene	11.713	119	358684	55.047	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	343096	51.298	ug/l	96
85) sec-Butylbenzene	11.890	105	424971	51.319	ug/l	97
86) p-Isopropyltoluene	12.012	119	380976	53.350	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	207164	52.735	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	212336	51.638	ug/l	97
89) n-Butylbenzene	12.335	91	293373	50.291	ug/l	97
90) Hexachloroethane	12.542	117	58990	51.515	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	210338	53.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23792	46.879	ug/l	68
93) 1,2,4-Trichlorobenzene	13.585	180	132970	57.799	ug/l	99
94) Hexachlorobutadiene	13.725	225	51562	57.477	ug/l	98
95) Naphthalene	13.774	128	435956	56.731	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	134953	57.158	ug/l	97

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

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