

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022585.D
 Acq On : 09 Jun 2021 00:21
 Operator : JC/MD
 Sample : VX0608WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Manual Integrations
 APPROVED

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 6/9/2021 4:20:56 PM

Quant Time: Jun 09 04:03:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56298	48.050	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.100%		
35) Dibromofluoromethane	5.397	113	41283	48.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.653	98	165210	48.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.720%		
62) 4-Bromofluorobenzene	11.085	95	59169	47.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	16176	21.046	ug/l	99
3) Chloromethane	1.294	50	17279	18.614	ug/l	98
4) Vinyl Chloride	1.374	62	17245	19.033	ug/l	98
5) Bromomethane	1.599	94	10106	21.230	ug/l	99
6) Chloroethane	1.684	64	10614	18.604	ug/l	96
7) Trichlorofluoromethane	1.886	101	25470	19.302	ug/l	100
8) Diethyl Ether	2.142	74	10240	19.035	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	15093	18.656	ug/l	92
10) Methyl Iodide	2.453	142	16980	17.830	ug/l	94
11) Tert butyl alcohol	2.977	59	25275	96.174	ug/l	99
12) 1,1-Dichloroethene	2.318	96	14661	17.543	ug/l	89
13) Acrolein	2.239	56	9678	79.341	ug/l	99
14) Allyl chloride	2.666	41	28243	18.430	ug/l	94
15) Acrylonitrile	3.074	53	54621	99.692	ug/l	99
16) Acetone	2.392	43	52036	98.838	ug/l	96
17) Carbon Disulfide	2.514	76	31549	17.451	ug/l	97
18) Methyl Acetate	2.715	43	29453	20.286	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	53891	19.340	ug/l	100
20) Methylene Chloride	2.794	84	19839	18.048	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	17179	18.252	ug/l	92
22) Diisopropyl ether	3.769	45	58603	19.063	ug/l	92
23) Vinyl Acetate	3.733	43	273768	94.634	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	33241	18.997	ug/l	99
25) 2-Butanone	4.568	43	84767	97.422	ug/l	96
26) 2,2-Dichloropropane	4.483	77	18708	13.951	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	20750	18.778	ug/l	98
28) Bromochloromethane	4.903	49	16754	18.942	ug/l #	79
29) Tetrahydrofuran	5.019	42	51477	100.813	ug/l	87
30) Chloroform	5.105	83	33824	19.247	ug/l	97
31) Cyclohexane	5.470	56	26592	19.186	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	26868	19.275	ug/l	96
36) 1,1-Dichloropropene	5.708	75	24152	18.433	ug/l	99
37) Ethyl Acetate	4.733	43	31619	18.814	ug/l	94
38) Carbon Tetrachloride	5.684	117	21144	18.543	ug/l	95
39) Methylcyclohexane	7.391	83	25202	18.391	ug/l	98
40) Benzene	6.043	78	75227	18.604	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17636	19.072	ug/l	92
42) 1,2-Dichloroethane	6.098	62	28525	19.137	ug/l	100
43) Isopropyl Acetate	6.354	43	50838	18.648	ug/l #	94
44) Trichloroethene	7.135	130	17633	18.482	ug/l	97
45) 1,2-Dichloropropane	7.440	63	20681	19.883	ug/l	95
46) Dibromomethane	7.586	93	13170	18.576	ug/l #	83
47) Bromodichloromethane	7.830	83	23281	18.338	ug/l #	96
48) Methyl methacrylate	7.702	41	24736	19.499	ug/l	89
49) 1,4-Dioxane	7.671	88	9958	388.142	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	168293	99.093	ug/l	90
52) Toluene	8.726	92	46651	18.370	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24036	16.647	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	28093	17.492	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	18843	19.038	ug/l	96
56) Ethyl methacrylate	9.122	69	30303	18.294	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	33966	18.989	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	86549	90.456	ug/l	94
59) 2-Hexanone	9.433	43	126542	97.533	ug/l	89
60) Dibromochloromethane	9.525	129	15327	17.970	ug/l	99
61) 1,2-Dibromoethane	9.616	107	19339	18.535	ug/l	98
64) Tetrachloroethene	9.281	164	15795	19.100	ug/l #	89
65) Chlorobenzene	10.085	112	47874	18.651	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	15626	18.171	ug/l	99
67) Ethyl Benzene	10.195	91	89479	18.945	ug/l	99
68) m/p-Xylenes	10.305	106	65525	38.169	ug/l	95
69) o-Xylene	10.646	106	31994	19.061	ug/l	96
70) Styrene	10.658	104	54080	19.057	ug/l	97
71) Bromoform	10.805	173	8248	16.768	ug/l #	100
73) Isopropylbenzene	10.963	105	85734	19.324	ug/l	97
74) N-amyl acetate	10.847	43	43354	18.212	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	29817	18.670	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27035m	19.170	ug/l	
77) Bromobenzene	11.201	156	17815	18.636	ug/l	86
78) n-propylbenzene	11.305	91	99277	18.436	ug/l	97
79) 2-Chlorotoluene	11.366	91	59508	18.570	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	70782	18.672	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	6590	16.292	ug/l #	79
82) 4-Chlorotoluene	11.457	91	69122	18.636	ug/l	96
83) tert-Butylbenzene	11.719	119	64405	19.072	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	70491	18.489	ug/l	99
85) sec-Butylbenzene	11.896	105	84190	18.734	ug/l	98
86) p-Isopropyltoluene	12.012	119	68882	18.545	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	33540	18.068	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	34005	17.584	ug/l	94
89) n-Butylbenzene	12.335	91	63292	17.747	ug/l	98
90) Hexachloroethane	12.542	117	8877	16.880	ug/l	69
91) 1,2-Dichlorobenzene	12.341	146	33245	18.870	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6022	19.093	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	17869	16.870	ug/l	94
94) Hexachlorobutadiene	13.725	225	6274	16.527	ug/l	95
95) Naphthalene	13.780	128	79079	18.622	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	19124	18.065	ug/l	97

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

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