

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023510.D
 Acq On : 29 Jul 2021 14:00
 Operator : JC/MD
 Sample : VX0730WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

Manual Integrations
 APPROVED

SAM
 7/30/2021 6:51:44 PM

Quant Time: Jul 30 03:41:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	200045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	319461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122568	49.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.391	113	96146	48.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.280%		
50) Toluene-d8	8.653	98	361652	49.281	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.085	95	129074	51.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34722	18.866	ug/l	97
3) Chloromethane	1.294	50	40085	18.697	ug/l	99
4) Vinyl Chloride	1.374	62	40021	18.441	ug/l	99
5) Bromomethane	1.599	94	27802	21.578	ug/l	99
6) Chloroethane	1.684	64	25461	19.116	ug/l	96
7) Trichlorofluoromethane	1.886	101	65501	18.734	ug/l	99
8) Diethyl Ether	2.136	74	24680	19.124	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	36860	18.608	ug/l	95
10) Methyl Iodide	2.453	142	46229	18.627	ug/l	97
11) Tert butyl alcohol	2.977	59	56663	99.400	ug/l	98
12) 1,1-Dichloroethene	2.319	96	36015	18.323	ug/l	95
13) Acrolein	2.239	56	27307	95.079	ug/l	97
14) Allyl chloride	2.666	41	65041	18.200	ug/l	93
15) Acrylonitrile	3.074	53	129598	100.678	ug/l	99
16) Acetone	2.386	43	114894	93.861	ug/l	92
17) Carbon Disulfide	2.514	76	77198	15.928	ug/l	99
18) Methyl Acetate	2.709	43	58786	20.202	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	132550	19.395	ug/l	100
20) Methylene Chloride	2.794	84	42920	18.026	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	38270	18.328	ug/l	99
22) Diisopropyl ether	3.769	45	135412	19.196	ug/l	97
23) Vinyl Acetate	3.727	43	606335	97.368	ug/l	96
24) 1,1-Dichloroethane	3.617	63	73465	18.948	ug/l	99
25) 2-Butanone	4.568	43	187360	98.591	ug/l	94
26) 2,2-Dichloropropane	4.483	77	50876	16.043	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	45775	18.877	ug/l	99
28) Bromochloromethane	4.910	49	33489	18.507	ug/l	93
29) Tetrahydrofuran	5.019	42	122152	98.063	ug/l	90
30) Chloroform	5.105	83	76764	19.343	ug/l	95
31) Cyclohexane	5.476	56	65745	17.785	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	64773	19.098	ug/l	98
36) 1,1-Dichloropropene	5.696	75	54907	19.000	ug/l	99
37) Ethyl Acetate	4.727	43	71122	19.519	ug/l #	95
38) Carbon Tetrachloride	5.684	117	53575	18.229	ug/l	98
39) Methylcyclohexane	7.385	83	67665	18.540	ug/l	98
40) Benzene	6.043	78	162625	18.980	ug/l	98

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41) Methacrylonitrile	4.928	41	37932	19.716	ug/l	93
42) 1,2-Dichloroethane	6.092	62	63406	20.014	ug/l	95
43) Isopropyl Acetate	6.348	43	110845	19.632	ug/l	93
44) Trichloroethene	7.135	130	44929	19.087	ug/l	93
45) 1,2-Dichloropropane	7.440	63	43393	19.138	ug/l	98
46) Dibromomethane	7.586	93	31559	20.520	ug/l	96
47) Bromodichloromethane	7.824	83	53730	19.392	ug/l	98
48) Methyl methacrylate	7.702	41	54491	20.839	ug/l	87
49) 1,4-Dioxane	7.665	88	23160	415.943	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	372164	107.767	ug/l	91
52) Toluene	8.720	92	104738	19.731	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	60617	18.439	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	65004	18.819	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	45314	21.081	ug/l	98
56) Ethyl methacrylate	9.122	69	69585	20.195	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	76286	20.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	179065	98.101	ug/l	97
59) 2-Hexanone	9.433	43	289421	110.363	ug/l	87
60) Dibromochloromethane	9.525	129	42001	18.913	ug/l	100
61) 1,2-Dibromoethane	9.616	107	47937	20.902	ug/l	98
64) Tetrachloroethene	9.275	164	43888	18.703	ug/l	95
65) Chlorobenzene	10.079	112	117314	19.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	41605	18.566	ug/l	98
67) Ethyl Benzene	10.195	91	201709	19.272	ug/l	99
68) m/p-Xylenes	10.305	106	153583	38.154	ug/l	99
69) o-Xylene	10.646	106	76104	19.070	ug/l	100
70) Styrene	10.658	104	123915	19.597	ug/l	99
71) Bromoform	10.805	173	28673	18.185	ug/l #	99
73) Isopropylbenzene	10.963	105	201492	19.745	ug/l	100
74) N-amyl acetate	10.847	43	93502	20.084	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	67491	20.304	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	62202m	20.902	ug/l	
77) Bromobenzene	11.201	156	49773	20.219	ug/l	94
78) n-propylbenzene	11.305	91	227752	19.720	ug/l	99
79) 2-Chlorotoluene	11.366	91	135876	19.689	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	164693	19.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18520	16.734	ug/l	89
82) 4-Chlorotoluene	11.457	91	153479	19.658	ug/l	100
83) tert-Butylbenzene	11.719	119	160946	19.744	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	165100	19.973	ug/l	99
85) sec-Butylbenzene	11.896	105	205168	19.411	ug/l	100
86) p-Isopropyltoluene	12.012	119	169448	19.852	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	88504	19.434	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	88885	19.235	ug/l	100
89) n-Butylbenzene	12.335	91	147124	19.041	ug/l	98
90) Hexachloroethane	12.542	117	23923	16.954	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	86738	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12619	17.103	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	51788	18.693	ug/l	99
94) Hexachlorobutadiene	13.731	225	23907	19.229	ug/l	96
95) Naphthalene	13.780	128	185756	19.501	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53191	19.013	ug/l	98

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

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