

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023509.D
 Acq On : 29 Jul 2021 13:34
 Operator : JC/MD
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Manual Integrations
 APPROVED

SAM
 7/30/2021 6:51:40 PM

Quant Time: Jul 30 03:41:14 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	206785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124825	48.392	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.780%
35) Dibromofluoromethane	5.397	113	99941	48.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.220%
50) Toluene-d8	8.653	98	373042	49.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.085	95	134815	52.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	36311	19.087	ug/l	97
3) Chloromethane	1.294	50	41725	18.828	ug/l	98
4) Vinyl Chloride	1.373	62	41853	18.657	ug/l	96
5) Bromomethane	1.599	94	29290	21.992	ug/l	92
6) Chloroethane	1.684	64	27096	19.681	ug/l	99
7) Trichlorofluoromethane	1.886	101	68288	18.894	ug/l	99
8) Diethyl Ether	2.142	74	25092	18.810	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	38436	18.771	ug/l	95
10) Methyl Iodide	2.453	142	43091	16.797	ug/l	96
11) Tert butyl alcohol	2.977	59	57096	96.895	ug/l	99
12) 1,1-Dichloroethene	2.318	96	36454	17.942	ug/l	97
13) Acrolein	2.239	56	27043	91.148	ug/l	97
14) Allyl chloride	2.666	41	67036	18.147	ug/l	95
15) Acrylonitrile	3.068	53	129072	97.001	ug/l	99
16) Acetone	2.385	43	114287	90.322	ug/l	94
17) Carbon Disulfide	2.514	76	78212	15.611	ug/l	100
18) Methyl Acetate	2.709	43	59233	19.692	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	132655	18.777	ug/l	100
20) Methylene Chloride	2.794	84	44815	18.208	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	39785	18.433	ug/l	97
22) Diisopropyl ether	3.769	45	139153	19.083	ug/l	97
23) Vinyl Acetate	3.727	43	609483	94.683	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	74788	18.660	ug/l	96
25) 2-Butanone	4.568	43	186278	94.827	ug/l	94
26) 2,2-Dichloropropane	4.483	77	54228	16.543	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	46787	18.665	ug/l	99
28) Bromochloromethane	4.909	49	33098	17.695	ug/l	95
29) Tetrahydrofuran	5.019	42	121346	94.241	ug/l	91
30) Chloroform	5.098	83	77632	18.924	ug/l	96
31) Cyclohexane	5.470	56	67557	17.680	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	66263	18.900	ug/l	98
36) 1,1-Dichloropropene	5.696	75	56444	18.977	ug/l	99
37) Ethyl Acetate	4.720	43	72201	19.252	ug/l #	94
38) Carbon Tetrachloride	5.684	117	56043	18.527	ug/l	97
39) Methylcyclohexane	7.385	83	69356	18.464	ug/l	98
40) Benzene	6.043	78	167471	18.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37272	18.822	ug/l	92
42) 1,2-Dichloroethane	6.098	62	64026	19.635	ug/l	95
43) Isopropyl Acetate	6.348	43	110525	19.019	ug/l	93
44) Trichloroethene	7.129	130	46444	19.170	ug/l	93
45) 1,2-Dichloropropane	7.439	63	45134	19.340	ug/l	95
46) Dibromomethane	7.586	93	30877	19.506	ug/l	98
47) Bromodichloromethane	7.830	83	53912	18.904	ug/l	99
48) Methyl methacrylate	7.695	41	52931	19.667	ug/l	87
49) 1,4-Dioxane	7.659	88	23832	415.846	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	376059	105.800	ug/l	90
52) Toluene	8.720	92	107815	19.733	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	60727	17.996	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	65829	18.517	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	45827	20.713	ug/l	98
56) Ethyl methacrylate	9.122	69	70877	19.985	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	76052	20.230	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	181316	96.511	ug/l	97
59) 2-Hexanone	9.433	43	294231	109.008	ug/l	87
60) Dibromochloromethane	9.524	129	42704	18.707	ug/l	100
61) 1,2-Dibromoethane	9.616	107	47805	20.252	ug/l	100
64) Tetrachloroethene	9.274	164	45687	18.840	ug/l	94
65) Chlorobenzene	10.079	112	119030	19.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42022	18.168	ug/l	97
67) Ethyl Benzene	10.195	91	206695	19.110	ug/l	96
68) m/p-Xylenes	10.305	106	160151	38.501	ug/l	99
69) o-Xylene	10.646	106	78737	19.092	ug/l	99
70) Styrene	10.658	104	129752	19.857	ug/l	99
71) Bromoform	10.805	173	29392	18.067	ug/l #	99
73) Isopropylbenzene	10.963	105	208949	19.995	ug/l	99
74) N-amyl acetate	10.847	43	94787	19.882	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	67692	19.886	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63461m	20.824	ug/l	
77) Bromobenzene	11.201	156	51187	20.305	ug/l	96
78) n-propylbenzene	11.305	91	234285	19.809	ug/l	99
79) 2-Chlorotoluene	11.366	91	140151	19.831	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	173761	20.418	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19286	17.016	ug/l	88
82) 4-Chlorotoluene	11.457	91	160360	20.057	ug/l	100
83) tert-Butylbenzene	11.719	119	166699	19.969	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	171846	20.300	ug/l	100
85) sec-Butylbenzene	11.896	105	213879	19.760	ug/l	99
86) p-Isopropyltoluene	12.012	119	174327	19.944	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91626	19.647	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	88243	18.647	ug/l	97
89) n-Butylbenzene	12.335	91	150631	19.037	ug/l	98
90) Hexachloroethane	12.542	117	26224	18.014	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	88428	19.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13048	17.249	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	52733	18.587	ug/l	99
94) Hexachlorobutadiene	13.725	225	23872	18.749	ug/l	100
95) Naphthalene	13.780	128	183511	18.813	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52756	18.414	ug/l	99

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

