

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023079.D
 Acq On : 01 Jul 2021 12:55
 Operator : JC/MD
 Sample : VX0701WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:58:50 PM

Quant Time: Jul 01 14:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62110	51.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.460%	
35) Dibromofluoromethane	5.391	113	41792	50.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	8.653	98	160178	49.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.085	95	60031	49.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	16629	17.814	ug/l	96
3) Chloromethane	1.294	50	18020	17.580	ug/l	98
4) Vinyl Chloride	1.374	62	16636	17.588	ug/l	100
5) Bromomethane	1.599	94	9201	17.658	ug/l	93
6) Chloroethane	1.685	64	10441	17.861	ug/l	92
7) Trichlorofluoromethane	1.886	101	26675	19.414	ug/l	88
8) Diethyl Ether	2.136	74	9758	18.399	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	16483	19.160	ug/l	87
10) Methyl Iodide	2.453	142	14456	16.769	ug/l	91
11) Tert butyl alcohol	2.977	59	24124	96.404	ug/l	98
12) 1,1-Dichloroethene	2.319	96	16214	18.890	ug/l	95
13) Acrolein	2.245	56	12847	82.545	ug/l	97
14) Allyl chloride	2.666	41	30775	18.872	ug/l	92
15) Acrylonitrile	3.074	53	55762	97.478	ug/l	98
16) Acetone	2.386	43	50200	94.308	ug/l	94
17) Carbon Disulfide	2.514	76	32543	16.452	ug/l	96
18) Methyl Acetate	2.709	43	26011	19.856	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	60662	19.708	ug/l	96
20) Methylene Chloride	2.788	84	19855	19.039	ug/l	86
21) trans-1,2-Dichloroethene	3.099	96	16994	17.847	ug/l	95
22) Diisopropyl ether	3.769	45	66959	19.741	ug/l #	93
23) Vinyl Acetate	3.733	43	280713	98.654	ug/l	94
24) 1,1-Dichloroethane	3.617	63	34455	19.013	ug/l	99
25) 2-Butanone	4.568	43	79981	96.624	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	24606	17.893	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	20127	19.045	ug/l	94
28) Bromochloromethane	4.903	49	16469	19.291	ug/l #	75
29) Tetrahydrofuran	5.019	42	51969	97.608	ug/l	87
30) Chloroform	5.105	83	35179	19.300	ug/l	99
31) Cyclohexane	5.470	56	30702	18.112	ug/l #	83
32) 1,1,1-Trichloroethane	5.397	97	29296	20.004	ug/l #	93
36) 1,1-Dichloropropene	5.702	75	25291	18.161	ug/l	97
37) Ethyl Acetate	4.727	43	29810	18.480	ug/l #	94
38) Carbon Tetrachloride	5.678	117	21699	18.578	ug/l	98
39) Methylcyclohexane	7.385	83	29039	17.876	ug/l #	88
40) Benzene	6.043	78	74216	18.482	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17334	19.506	ug/l	90
42) 1,2-Dichloroethane	6.098	62	29904	20.241	ug/l	96
43) Isopropyl Acetate	6.348	43	50309	19.399	ug/l #	89
44) Trichloroethene	7.129	130	17338	18.207	ug/l	95
45) 1,2-Dichloropropane	7.433	63	20109	19.415	ug/l	96
46) Dibromomethane	7.586	93	12664	18.430	ug/l #	82
47) Bromodichloromethane	7.830	83	23112	18.516	ug/l	95
48) Methyl methacrylate	7.696	41	23462	19.547	ug/l	85
49) 1,4-Dioxane	7.665	88	9668	374.183	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	164229	101.748	ug/l	88
52) Toluene	8.720	92	44326	18.260	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	25712	18.086	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	28455	17.904	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	18229	18.717	ug/l	92
56) Ethyl methacrylate	9.122	69	30805	18.826	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	33351	18.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80873	93.826	ug/l	93
59) 2-Hexanone	9.433	43	123074	100.508	ug/l	86
60) Dibromochloromethane	9.525	129	14878	18.108	ug/l	100
61) 1,2-Dibromoethane	9.616	107	17923	18.120	ug/l	100
64) Tetrachloroethene	9.275	164	15037	18.015	ug/l #	85
65) Chlorobenzene	10.079	112	46687	18.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.171	131	14741	18.235	ug/l	98
67) Ethyl Benzene	10.195	91	86614	18.804	ug/l	97
68) m/p-Xylenes	10.305	106	64191	37.527	ug/l	93
69) o-Xylene	10.646	106	30662	18.418	ug/l	92
70) Styrene	10.658	104	51589	18.670	ug/l	94
71) Bromoform	10.799	173	8189	17.426	ug/l #	98
73) Isopropylbenzene	10.963	105	83628	18.806	ug/l	99
74) N-amyl acetate	10.847	43	42066	18.125	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	29657	19.417	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	26506m	19.094	ug/l	
77) Bromobenzene	11.201	156	16831	18.201	ug/l	77
78) n-propylbenzene	11.305	91	103699	19.272	ug/l	96
79) 2-Chlorotoluene	11.366	91	62363	19.196	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	71283	19.521	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6739	17.917	ug/l #	71
82) 4-Chlorotoluene	11.457	91	71246	18.976	ug/l	94
83) tert-Butylbenzene	11.719	119	63693	18.470	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	71471	19.447	ug/l	96
85) sec-Butylbenzene	11.896	105	88818	19.098	ug/l	98
86) p-Isopropyltoluene	12.012	119	70114	18.973	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	32863	18.420	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	33399	17.903	ug/l	93
89) n-Butylbenzene	12.335	91	67751	19.282	ug/l	94
90) Hexachloroethane	12.542	117	9635	16.761	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	32309	18.555	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5512	18.039	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	17512	18.133	ug/l	96
94) Hexachlorobutadiene	13.731	225	7027	18.569	ug/l	100
95) Naphthalene	13.780	128	71905	18.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18472	18.989	ug/l	95

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

