

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022660.D
 Acq On : 11 Jun 2021 12:23
 Operator : JC/MD
 Sample : VX0611WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 9:38:31 AM

Quant Time: Jun 11 13:26:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65730	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56477	47.775	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.560%		
35) Dibromofluoromethane	5.397	113	39957	47.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.653	98	159597	48.354	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.085	95	59208	47.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	14647	18.989	ug/l	97
3) Chloromethane	1.294	50	15932	17.094	ug/l	98
4) Vinyl Chloride	1.374	62	15179	16.574	ug/l	95
5) Bromomethane	1.599	94	8998	18.061	ug/l	93
6) Chloroethane	1.685	64	10028	18.084	ug/l	91
7) Trichlorofluoromethane	1.886	101	23847	18.082	ug/l	98
8) Diethyl Ether	2.136	74	9400	17.643	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	15005	18.650	ug/l	90
10) Methyl Iodide	2.453	142	16097	17.844	ug/l	93
11) Tert butyl alcohol	2.977	59	23542	86.011	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13889	17.405	ug/l	95
13) Acrolein	2.239	56	13708	119.509	ug/l	99
14) Allyl chloride	2.666	41	26334	17.069	ug/l	94
15) Acrylonitrile	3.068	53	49506	92.092	ug/l	99
16) Acetone	2.386	43	45858	86.634	ug/l	93
17) Carbon Disulfide	2.514	76	29063	16.185	ug/l	100
18) Methyl Acetate	2.709	43	27389	17.190	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	50854	18.366	ug/l	99
20) Methylene Chloride	2.794	84	18877	18.293	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	15751	17.813	ug/l	98
22) Diisopropyl ether	3.770	45	55531	18.188	ug/l	96
23) Vinyl Acetate	3.733	43	260097	92.437	ug/l	95
24) 1,1-Dichloroethane	3.617	63	31394	17.719	ug/l	97
25) 2-Butanone	4.568	43	77714	90.526	ug/l	92
26) 2,2-Dichloropropane	4.483	77	23782	17.600	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	19659	18.247	ug/l	95
28) Bromochloromethane	4.904	49	16237	18.953	ug/l	# 80
29) Tetrahydrofuran	5.019	42	44408	88.843	ug/l	90
30) Chloroform	5.099	83	32746	18.542	ug/l	93
31) Cyclohexane	5.477	56	24909	17.467	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	24823	17.165	ug/l	95
36) 1,1-Dichloropropene	5.702	75	22522	17.225	ug/l	97
37) Ethyl Acetate	4.727	43	30672	18.456	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	19630	17.550	ug/l	95
39) Methylcyclohexane	7.385	83	25527	18.714	ug/l	94
40) Benzene	6.037	78	71660	18.421	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16519	18.548	ug/l	92
42) 1,2-Dichloroethane	6.092	62	27006	18.874	ug/l	97
43) Isopropyl Acetate	6.348	43	48283	18.397	ug/l	93
44) Trichloroethene	7.129	130	16108	17.639	ug/l	100
45) 1,2-Dichloropropane	7.434	63	18435	17.564	ug/l	92
46) Dibromomethane	7.586	93	12717	18.853	ug/l #	83
47) Bromodichloromethane	7.824	83	22179	17.960	ug/l	98
48) Methyl methacrylate	7.702	41	22524	17.877	ug/l	88
49) 1,4-Dioxane	7.665	88	8800	366.966	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	158311	95.025	ug/l	90
52) Toluene	8.720	92	44715	18.469	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24739	17.425	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	27692	17.544	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	18877	19.055	ug/l	97
56) Ethyl methacrylate	9.122	69	28736	17.594	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	32736	19.000	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	83647	93.661	ug/l	96
59) 2-Hexanone	9.433	43	117591	92.382	ug/l	89
60) Dibromochloromethane	9.525	129	15055	17.660	ug/l	99
61) 1,2-Dibromoethane	9.616	107	18954	19.169	ug/l	96
64) Tetrachloroethene	9.275	164	14494	19.123	ug/l	96
65) Chlorobenzene	10.079	112	45375	18.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14901	17.699	ug/l	96
67) Ethyl Benzene	10.195	91	84435	18.361	ug/l	100
68) m/p-Xylenes	10.305	106	62766	37.683	ug/l	96
69) o-Xylene	10.646	106	31036	19.231	ug/l	99
70) Styrene	10.659	104	51325	18.173	ug/l	98
71) Bromoform	10.805	173	8112	17.125	ug/l #	99
73) Isopropylbenzene	10.963	105	80685	18.758	ug/l	100
74) N-amyl acetate	10.848	43	42237	18.259	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	29625	19.364	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26387m	18.998	ug/l	
77) Bromobenzene	11.201	156	17279	18.805	ug/l	86
78) n-propylbenzene	11.305	91	97083	18.687	ug/l	97
79) 2-Chlorotoluene	11.366	91	58406	18.578	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	67948	18.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7335	18.028	ug/l #	80
82) 4-Chlorotoluene	11.457	91	67157	18.667	ug/l	96
83) tert-Butylbenzene	11.719	119	62353	18.529	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	69068	19.005	ug/l	99
85) sec-Butylbenzene	11.896	105	82180	18.697	ug/l	99
86) p-Isopropyltoluene	12.012	119	68300	18.823	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	32287	18.513	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	33348	18.575	ug/l	95
89) n-Butylbenzene	12.335	91	65183	18.764	ug/l	96
90) Hexachloroethane	12.542	117	9021	17.532	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	32596	19.181	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5260	17.367	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	18560	18.204	ug/l	98
94) Hexachlorobutadiene	13.731	225	6969	19.061	ug/l	98
95) Naphthalene	13.780	128	76294	18.106	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19102	19.219	ug/l	94

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

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