

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022784.D
 Acq On : 21 Jun 2021 11:01
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 9:09:22 AM

Quant Time: Jun 22 01:09:46 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	5.556	168	68408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58289	47.378	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.760%		
35) Dibromofluoromethane	5.391	113	41963	48.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.653	98	161762	47.354	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.700%		
62) 4-Bromofluorobenzene	11.085	95	59295	45.896	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	14209	17.700	ug/l	93
3) Chloromethane	1.294	50	16019	16.514	ug/l	97
4) Vinyl Chloride	1.374	62	15160	15.906	ug/l	98
5) Bromomethane	1.599	94	9255	17.850	ug/l	95
6) Chloroethane	1.684	64	10366	17.962	ug/l	99
7) Trichlorofluoromethane	1.886	101	24309	17.711	ug/l	99
8) Diethyl Ether	2.136	74	10025	18.080	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	16018	19.129	ug/l	89
10) Methyl Iodide	2.453	142	13472	14.350	ug/l	95
11) Tert butyl alcohol	2.971	59	23316	81.850	ug/l	98
12) 1,1-Dichloroethene	2.319	96	14983	18.041	ug/l	92
13) Acrolein	2.239	56	11076	92.783	ug/l	95
14) Allyl chloride	2.666	41	28546	17.779	ug/l	93
15) Acrylonitrile	3.068	53	51488	92.030	ug/l	99
16) Acetone	2.386	43	49625	90.080	ug/l	92
17) Carbon Disulfide	2.514	76	28324	15.156	ug/l	97
18) Methyl Acetate	2.709	43	30111	18.158	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	53503	18.566	ug/l	96
20) Methylene Chloride	2.794	84	19189	17.861	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	16640	18.081	ug/l	94
22) Diisopropyl ether	3.769	45	58336	18.358	ug/l	95
23) Vinyl Acetate	3.727	43	269397	91.995	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	34128	18.508	ug/l	99
25) 2-Butanone	4.568	43	82017	91.798	ug/l	89
26) 2,2-Dichloropropane	4.483	77	26457	18.813	ug/l #	75
27) cis-1,2-Dichloroethene	4.495	96	20229	18.041	ug/l	95
28) Bromochloromethane	4.910	49	16064	18.017	ug/l #	79
29) Tetrahydrofuran	5.019	42	45930	88.291	ug/l	89
30) Chloroform	5.099	83	34440	18.738	ug/l	95
31) Cyclohexane	5.476	56	24894	16.773	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	28065	18.569	ug/l	96
36) 1,1-Dichloropropene	5.696	75	23976	17.717	ug/l	97
37) Ethyl Acetate	4.721	43	30989	18.017	ug/l #	92
38) Carbon Tetrachloride	5.690	117	21986	18.993	ug/l	95
39) Methylcyclohexane	7.385	83	26092	18.482	ug/l	97
40) Benzene	6.043	78	73953	18.368	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16367	17.757	ug/l	92
42) 1,2-Dichloroethane	6.092	62	28404	19.180	ug/l	95
43) Isopropyl Acetate	6.348	43	49772	18.323	ug/l #	92
44) Trichloroethene	7.129	130	18425	19.495	ug/l	95
45) 1,2-Dichloropropane	7.433	63	19882	18.303	ug/l	96
46) Dibromomethane	7.580	93	12862	18.454	ug/l #	86
47) Bromodichloromethane	7.830	83	23994	18.652	ug/l	95
48) Methyl methacrylate	7.696	41	24010	18.413	ug/l	89
49) 1,4-Dioxane	7.665	88	9107	366.939	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	163987	95.107	ug/l	91
52) Toluene	8.720	92	46842	18.694	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	26544	17.945	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	29638	18.058	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20026	19.532	ug/l	99
56) Ethyl methacrylate	9.116	69	30207	17.834	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	35152	19.713	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	87582	94.754	ug/l	94
59) 2-Hexanone	9.433	43	123881	94.036	ug/l	87
60) Dibromochloromethane	9.525	129	15659	17.733	ug/l	96
61) 1,2-Dibromoethane	9.610	107	19774	19.323	ug/l	96
64) Tetrachloroethene	9.275	164	15975	20.163	ug/l	88
65) Chlorobenzene	10.085	112	49115	18.810	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	16632	18.775	ug/l	97
67) Ethyl Benzene	10.195	91	87666	18.237	ug/l	99
68) m/p-Xylenes	10.305	106	63974	36.743	ug/l	92
69) o-Xylene	10.646	106	31612	18.739	ug/l	94
70) Styrene	10.658	104	53084	17.997	ug/l	96
71) Bromoform	10.805	173	8832	17.640	ug/l #	100
73) Isopropylbenzene	10.963	105	86722	19.987	ug/l	98
74) N-amyl acetate	10.847	43	42511	18.218	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	31059	20.125	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26971m	19.251	ug/l	
77) Bromobenzene	11.201	156	18612	20.080	ug/l	88
78) n-propylbenzene	11.305	91	103316	19.714	ug/l	97
79) 2-Chlorotoluene	11.366	91	61964	19.539	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	72113	19.952	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7942	18.911	ug/l #	83
82) 4-Chlorotoluene	11.457	91	70977	19.558	ug/l	95
83) tert-Butylbenzene	11.719	119	67529	19.893	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	73359	20.010	ug/l	98
85) sec-Butylbenzene	11.896	105	88356	19.928	ug/l	96
86) p-Isopropyltoluene	12.012	119	73569	20.099	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	34596	19.665	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	35534	19.621	ug/l	96
89) n-Butylbenzene	12.335	91	68745	19.617	ug/l	97
90) Hexachloroethane	12.542	117	10355	19.444	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	34055	19.865	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5622	18.167	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	19580	19.038	ug/l	97
94) Hexachlorobutadiene	13.731	225	7608	20.629	ug/l	96
95) Naphthalene	13.780	128	77397	18.200	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	19967	19.915	ug/l	98

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

