

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022687.D
 Acq On : 14 Jun 2021 12:18
 Operator : JC/MD
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:15:21 PM

Quant Time: Jun 15 06:09:41 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	69643	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58948	47.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.398	113	42480	48.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	8.653	98	167604	48.519	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	11.086	95	62330	47.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16192	19.813	ug/l	99
3) Chloromethane	1.295	50	17378	17.597	ug/l	100
4) Vinyl Chloride	1.374	62	17152	17.677	ug/l	94
5) Bromomethane	1.599	94	8361	15.840	ug/l	98
6) Chloroethane	1.685	64	10817	18.411	ug/l	96
7) Trichlorofluoromethane	1.886	101	25915	18.546	ug/l	96
8) Diethyl Ether	2.136	74	10695	18.946	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	16692	19.581	ug/l	91
10) Methyl Iodide	2.453	142	14260	14.919	ug/l	95
11) Tert butyl alcohol	2.977	59	23725	81.809	ug/l	96
12) 1,1-Dichloroethene	2.319	96	15546	18.386	ug/l	95
13) Acrolein	2.240	56	20607	169.562	ug/l	99
14) Allyl chloride	2.666	41	30769	18.823	ug/l	96
15) Acrylonitrile	3.069	53	55139	96.808	ug/l	99
16) Acetone	2.386	43	50343	89.763	ug/l	98
17) Carbon Disulfide	2.514	76	34351	18.054	ug/l	# 94
18) Methyl Acetate	2.709	43	30932	18.323	ug/l	91
19) Methyl tert-butyl Ether	3.124	73	57823	19.709	ug/l	99
20) Methylene Chloride	2.794	84	20284	18.556	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	18090	19.308	ug/l	97
22) Diisopropyl ether	3.770	45	61742	19.086	ug/l	96
23) Vinyl Acetate	3.727	43	293341	98.395	ug/l	94
24) 1,1-Dichloroethane	3.617	63	34789	18.532	ug/l	98
25) 2-Butanone	4.568	43	85683	94.201	ug/l	93
26) 2,2-Dichloropropane	4.483	77	27262	19.042	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	21482	18.819	ug/l	98
28) Bromochloromethane	4.904	49	17382	19.149	ug/l	# 77
29) Tetrahydrofuran	5.013	42	49806	94.044	ug/l	88
30) Chloroform	5.099	83	35078	18.746	ug/l	98
31) Cyclohexane	5.471	56	27596	18.264	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	28206	18.343	ug/l	98
36) 1,1-Dichloropropene	5.696	75	25621	18.722	ug/l	97
37) Ethyl Acetate	4.721	43	32565	18.723	ug/l	94
38) Carbon Tetrachloride	5.678	117	22262	19.018	ug/l	99
39) Methylcyclohexane	7.385	83	27174	19.035	ug/l	95
40) Benzene	6.044	78	78468	19.273	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18292	19.625	ug/l	90
42) 1,2-Dichloroethane	6.093	62	29256	19.536	ug/l	97
43) Isopropyl Acetate	6.349	43	54321	19.776	ug/l #	94
44) Trichloroethene	7.129	130	18639	19.502	ug/l	96
45) 1,2-Dichloropropane	7.434	63	21221	19.318	ug/l	98
46) Dibromomethane	7.586	93	13663	19.318	ug/l #	86
47) Bromodichloromethane	7.824	83	25204	19.271	ug/l #	98
48) Methyl methacrylate	7.696	41	25510	19.346	ug/l	87
49) 1,4-Dioxane	7.665	88	9346	372.385	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	172995	99.217	ug/l	91
52) Toluene	8.720	92	48975	19.328	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	28166	18.669	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	31588	18.897	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	21248	20.493	ug/l	95
56) Ethyl methacrylate	9.116	69	32743	18.952	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	36356	20.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	89091	95.316	ug/l	96
59) 2-Hexanone	9.433	43	131216	98.497	ug/l	88
60) Dibromochloromethane	9.525	129	16775	18.597	ug/l	97
61) 1,2-Dibromoethane	9.610	107	20819	20.118	ug/l	95
64) Tetrachloroethene	9.275	164	15368	19.164	ug/l #	86
65) Chlorobenzene	10.080	112	50465	19.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	16773	18.713	ug/l	99
67) Ethyl Benzene	10.195	91	94427	19.408	ug/l	97
68) m/p-Xylenes	10.305	106	68820	39.051	ug/l	96
69) o-Xylene	10.647	106	33886	19.845	ug/l	97
70) Styrene	10.659	104	56808	18.944	ug/l	97
71) Bromoform	10.805	173	9248	18.085	ug/l #	97
73) Isopropylbenzene	10.964	105	88665	19.388	ug/l	99
74) N-amyl acetate	10.848	43	46679	18.979	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	32313	19.865	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	28730m	19.456	ug/l	
77) Bromobenzene	11.201	156	19218	19.671	ug/l	84
78) n-propylbenzene	11.305	91	109037	19.740	ug/l	96
79) 2-Chlorotoluene	11.366	91	64707	19.359	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	75852	19.912	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8980	19.851	ug/l	86
82) 4-Chlorotoluene	11.457	91	75407	19.714	ug/l	94
83) tert-Butylbenzene	11.720	119	69927	19.545	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	76890	19.899	ug/l	98
85) sec-Butylbenzene	11.896	105	91300	19.537	ug/l	97
86) p-Isopropyltoluene	12.012	119	74520	19.316	ug/l	96
87) 1,3-Dichlorobenzene	11.970	146	36576	19.725	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	37008	19.388	ug/l	96
89) n-Butylbenzene	12.335	91	71714	19.416	ug/l	98
90) Hexachloroethane	12.543	117	10523	18.879	ug/l	69
91) 1,2-Dichlorobenzene	12.335	146	36433	20.164	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6167	18.747	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	20640	19.041	ug/l	97
94) Hexachlorobutadiene	13.731	225	7756	19.953	ug/l	97
95) Naphthalene	13.780	128	84637	18.827	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20524	19.422	ug/l	95

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

