

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023682.D
 Acq On : 13 Aug 2021 11:54
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:06:10 PM

Quant Time: Aug 14 05:22:55 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	5.556	168	203750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133071	52.357	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.391	113	102359	50.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.653	98	370005	49.632	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.085	95	139950	55.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35181	18.768	ug/l	98
3) Chloromethane	1.295	50	40443	18.521	ug/l	99
4) Vinyl Chloride	1.374	62	40892	18.500	ug/l	99
5) Bromomethane	1.599	94	28119	21.428	ug/l	96
6) Chloroethane	1.685	64	27609	20.352	ug/l	99
7) Trichlorofluoromethane	1.886	101	69856	19.616	ug/l	95
8) Diethyl Ether	2.136	74	25730	19.575	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	41444	20.542	ug/l	98
10) Methyl Iodide	2.453	142	50208	19.863	ug/l	96
11) Tert butyl alcohol	2.977	59	61093	105.223	ug/l	98
12) 1,1-Dichloroethene	2.319	96	37776	18.869	ug/l	95
13) Acrolein	2.240	56	25723	88.038	ug/l	94
14) Allyl chloride	2.666	41	71065	19.525	ug/l #	92
15) Acrylonitrile	3.069	53	140090	106.850	ug/l	98
16) Acetone	2.386	43	129221	103.645	ug/l	90
17) Carbon Disulfide	2.514	76	73915	14.973	ug/l	96
18) Methyl Acetate	2.709	43	67696	22.841	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	146957	21.112	ug/l	98
20) Methylene Chloride	2.794	84	47901	19.752	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	40664	19.121	ug/l	97
22) Diisopropyl ether	3.770	45	151443	21.078	ug/l	99
23) Vinyl Acetate	3.727	43	672305	105.999	ug/l	94
24) 1,1-Dichloroethane	3.611	63	81144	20.547	ug/l	99
25) 2-Butanone	4.568	43	204294	105.547	ug/l	92
26) 2,2-Dichloropropane	4.477	77	64575	19.993	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	50326	20.376	ug/l	98
28) Bromochloromethane	4.910	49	39309	21.329	ug/l	94
29) Tetrahydrofuran	5.013	42	133039	104.861	ug/l	88
30) Chloroform	5.099	83	86148	21.313	ug/l	99
31) Cyclohexane	5.477	56	68404	18.168	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	71959	20.831	ug/l	97
36) 1,1-Dichloropropene	5.702	75	58589	19.957	ug/l	99
37) Ethyl Acetate	4.727	43	77622	20.971	ug/l	95
38) Carbon Tetrachloride	5.684	117	61068	20.455	ug/l	97
39) Methylcyclohexane	7.385	83	71761	19.356	ug/l	96
40) Benzene	6.044	78	180119	20.693	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42175	21.579	ug/l	92
42) 1,2-Dichloroethane	6.092	62	73382	22.801	ug/l	96
43) Isopropyl Acetate	6.349	43	122328	21.328	ug/l	93
44) Trichloroethene	7.129	130	48222	20.166	ug/l	97
45) 1,2-Dichloropropane	7.434	63	48208	20.930	ug/l	98
46) Dibromomethane	7.586	93	34332	21.975	ug/l	97
47) Bromodichloromethane	7.824	83	60982	21.665	ug/l	99
48) Methyl methacrylate	7.696	41	59803	22.513	ug/l	85
49) 1,4-Dioxane	7.665	88	24179	427.465	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	416389	118.691	ug/l	90
52) Toluene	8.720	92	114948	21.316	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	70756	20.917	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74186	21.142	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	50584	23.165	ug/l	97
56) Ethyl methacrylate	9.122	69	78539	22.438	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	85054	22.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	202038	108.959	ug/l	97
59) 2-Hexanone	9.433	43	321533	120.694	ug/l	86
60) Dibromochloromethane	9.525	129	48505	21.230	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52683	22.613	ug/l	100
64) Tetrachloroethene	9.275	164	48914	20.537	ug/l	93
65) Chlorobenzene	10.080	112	128502	20.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46819	20.478	ug/l	99
67) Ethyl Benzene	10.195	91	222994	20.991	ug/l	98
68) m/p-Xylenes	10.305	106	169126	41.395	ug/l	99
69) o-Xylene	10.647	106	84625	20.892	ug/l	97
70) Styrene	10.659	104	139129	21.678	ug/l	98
71) Bromoform	10.805	173	32851	20.074	ug/l #	98
73) Isopropylbenzene	10.964	105	222604	21.079	ug/l	98
74) N-amyl acetate	10.848	43	103615	21.507	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	75504	21.949	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	72046m	23.394	ug/l	
77) Bromobenzene	11.201	156	55714	21.871	ug/l	95
78) n-propylbenzene	11.305	91	252585	21.134	ug/l	98
79) 2-Chlorotoluene	11.366	91	153162	21.446	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	187086	21.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21960	19.173	ug/l	87
82) 4-Chlorotoluene	11.457	91	176903	21.895	ug/l	100
83) tert-Butylbenzene	11.720	119	180445	21.390	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	185477	21.682	ug/l	100
85) sec-Butylbenzene	11.896	105	230896	21.109	ug/l	100
86) p-Isopropyltoluene	12.012	119	190598	21.578	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98712	20.945	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	98483	20.594	ug/l	99
89) n-Butylbenzene	12.335	91	168143	21.028	ug/l	97
90) Hexachloroethane	12.543	117	28193	19.043	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	96577	21.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15177	19.534	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	57320	19.993	ug/l	98
94) Hexachlorobutadiene	13.725	225	26427	20.539	ug/l	99
95) Naphthalene	13.780	128	200127	20.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59935	20.702	ug/l	97

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

