

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023930.D
 Acq On : 25 Aug 2021 11:35
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS01

Manual Integrations
 APPROVED

SAM
 8/27/2021 12:11:27 PM

Quant Time: Aug 25 11:59:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148366	52.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.240%			
35) Dibromofluoromethane	5.391	113	113469	53.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	8.653	98	419636	51.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.085	95	159932	53.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	43624	20.272	ug/l	97
3) Chloromethane	1.301	50	46115	19.521	ug/l	95
4) Vinyl Chloride	1.380	62	45083	19.567	ug/l	100
5) Bromomethane	1.605	94	33721	23.279	ug/l	96
6) Chloroethane	1.685	64	27955	16.641	ug/l	99
7) Trichlorofluoromethane	1.886	101	71070	19.533	ug/l	100
8) Diethyl Ether	2.142	74	25229	19.856	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	41307	20.176	ug/l	95
10) Methyl Iodide	2.459	142	53041	18.606	ug/l	92
11) Tert butyl alcohol	2.977	59	54131	94.027	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39544	20.202	ug/l	90
13) Acrolein	2.245	56	29351	85.674	ug/l	98
14) Allyl chloride	2.666	41	71659	19.864	ug/l	90
15) Acrylonitrile	3.069	53	122079	95.173	ug/l	96
16) Acetone	2.386	43	114059	89.609	ug/l	93
17) Carbon Disulfide	2.514	76	98290	21.053	ug/l	98
18) Methyl Acetate	2.709	43	59861	18.839	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	139473	20.472	ug/l	98
20) Methylene Chloride	2.794	84	46032	18.933	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	42279	20.221	ug/l	97
22) Diisopropyl ether	3.770	45	144257	20.078	ug/l	96
23) Vinyl Acetate	3.727	43	590496	101.597	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	80360	20.097	ug/l	99
25) 2-Butanone	4.562	43	177566	92.103	ug/l	90
26) 2,2-Dichloropropane	4.483	77	64830	19.754	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	49313	19.821	ug/l	96
28) Bromochloromethane	4.904	49	36965	20.331	ug/l	95
29) Tetrahydrofuran	5.013	42	115404	92.414	ug/l	89
30) Chloroform	5.099	83	83386	19.695	ug/l	100
31) Cyclohexane	5.477	56	71545	19.562	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	73582	20.296	ug/l	97
36) 1,1-Dichloropropene	5.696	75	62198	20.853	ug/l	99
37) Ethyl Acetate	4.727	43	68700	18.738	ug/l #	94
38) Carbon Tetrachloride	5.678	117	64307	20.676	ug/l	98
39) Methylcyclohexane	7.385	83	74317	20.464	ug/l	97
40) Benzene	6.044	78	177185	20.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37767	19.002	ug/l	91
42) 1,2-Dichloroethane	6.092	62	72215	20.834	ug/l	94
43) Isopropyl Acetate	6.342	43	111215	19.393	ug/l #	93
44) Trichloroethene	7.129	130	49045	20.131	ug/l	97
45) 1,2-Dichloropropane	7.434	63	47574	20.314	ug/l	89
46) Dibromomethane	7.586	93	32769	20.107	ug/l	98
47) Bromodichloromethane	7.824	83	60149	20.401	ug/l	97
48) Methyl methacrylate	7.696	41	55257	19.752	ug/l	85
49) 1,4-Dioxane	7.659	88	23273	393.620	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	366837	98.956	ug/l	89
52) Toluene	8.720	92	114560	20.046	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	67715	19.158	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	72686	20.346	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	46853	19.914	ug/l	96
56) Ethyl methacrylate	9.116	69	71618	18.303	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	77569	19.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187890	99.172	ug/l	97
59) 2-Hexanone	9.433	43	286561	100.565	ug/l	85
60) Dibromochloromethane	9.525	129	47181	19.232	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49263	19.820	ug/l	99
64) Tetrachloroethene	9.275	164	49182	20.447	ug/l	93
65) Chlorobenzene	10.079	112	126435	20.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46082	20.603	ug/l	99
67) Ethyl Benzene	10.195	91	224043	20.416	ug/l	99
68) m/p-Xylenes	10.305	106	172555	41.282	ug/l	98
69) o-Xylene	10.646	106	84634	20.604	ug/l	98
70) Styrene	10.659	104	138359	20.676	ug/l	98
71) Bromoform	10.805	173	32925	19.347	ug/l #	99
73) Isopropylbenzene	10.963	105	222796	19.698	ug/l	100
74) N-amyl acetate	10.848	43	98328	19.237	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72689	19.610	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69178m	19.999	ug/l	
77) Bromobenzene	11.201	156	54233	19.468	ug/l	97
78) n-propylbenzene	11.305	91	257976	19.942	ug/l	98
79) 2-Chlorotoluene	11.366	91	156999	20.079	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	187857	20.211	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20898	17.771	ug/l #	84
82) 4-Chlorotoluene	11.457	91	179923	20.273	ug/l	99
83) tert-Butylbenzene	11.719	119	180195	19.961	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	187494	20.231	ug/l	99
85) sec-Butylbenzene	11.896	105	232466	20.340	ug/l	100
86) p-Isopropyltoluene	12.012	119	192442	20.459	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101250	20.089	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	103337	20.558	ug/l	99
89) n-Butylbenzene	12.335	91	170061	20.249	ug/l	97
90) Hexachloroethane	12.542	117	31496	20.112	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	100355	20.553	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14399	18.013	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	57366	19.521	ug/l	99
94) Hexachlorobutadiene	13.725	225	27790	21.217	ug/l	98
95) Naphthalene	13.780	128	186991	18.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59109	20.196	ug/l	99

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

