

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024689.D
 Acq On : 08 Oct 2021 23:48
 Operator : JC/MD
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:21 PM

Quant Time: Oct 11 05:53:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	145266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104797	51.187	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.397	113	78559	51.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.653	98	286837	50.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.085	95	110038	49.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30486	20.856	ug/l	99
3) Chloromethane	1.294	50	22652	16.440	ug/l	97
4) Vinyl Chloride	1.374	62	26555	18.425	ug/l	98
5) Bromomethane	1.599	94	18498	19.069	ug/l	99
6) Chloroethane	1.685	64	16204	17.051	ug/l	97
7) Trichlorofluoromethane	1.886	101	43983	17.293	ug/l	94
8) Diethyl Ether	2.136	74	14853	17.157	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	24157	16.843	ug/l	94
10) Methyl Iodide	2.453	142	21705	10.816	ug/l	91
11) Tert butyl alcohol	2.977	59	33931	61.957	ug/l	97
12) 1,1-Dichloroethene	2.319	96	23634	17.748	ug/l	93
13) Acrolein	2.239	56	11368	108.591	ug/l	98
14) Allyl chloride	2.666	41	40174	16.502	ug/l	89
15) Acrylonitrile	3.068	53	75560	81.238	ug/l	98
16) Acetone	2.386	43	80455	86.506	ug/l	93
17) Carbon Disulfide	2.514	76	56700	16.670	ug/l	98
18) Methyl Acetate	2.709	43	50690	16.534	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	84651	16.868	ug/l	96
20) Methylene Chloride	2.794	84	27585	17.258	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	25984	17.184	ug/l	93
22) Diisopropyl ether	3.770	45	83528	16.793	ug/l	93
23) Vinyl Acetate	3.733	43	344160	85.446	ug/l	95
24) 1,1-Dichloroethane	3.617	63	47176	17.082	ug/l	98
25) 2-Butanone	4.568	43	127208	90.220	ug/l	92
26) 2,2-Dichloropropane	4.483	77	33702	13.566	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30097	17.029	ug/l	98
28) Bromochloromethane	4.904	49	21344	17.025	ug/l	96
29) Tetrahydrofuran	5.019	42	72325	80.503	ug/l	90
30) Chloroform	5.105	83	52174	17.106	ug/l	88
31) Cyclohexane	5.477	56	41066	16.751	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	46767	17.271	ug/l	98
36) 1,1-Dichloropropene	5.702	75	36239	16.336	ug/l	100
37) Ethyl Acetate	4.727	43	42283	15.267	ug/l	95
38) Carbon Tetrachloride	5.684	117	40188	16.643	ug/l	98
39) Methylcyclohexane	7.385	83	42542	16.379	ug/l	97
40) Benzene	6.044	78	106650	16.813	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23402	16.362	ug/l	91
42) 1,2-Dichloroethane	6.098	62	45404	17.044	ug/l	94
43) Isopropyl Acetate	6.354	43	66826	15.871	ug/l	93
44) Trichloroethene	7.129	130	30684	17.581	ug/l	99
45) 1,2-Dichloropropane	7.440	63	27793	16.983	ug/l	99
46) Dibromomethane	7.586	93	20485	16.693	ug/l	97
47) Bromodichloromethane	7.830	83	37713	16.769	ug/l	98
48) Methyl methacrylate	7.696	41	36950	17.723	ug/l	85
49) 1,4-Dioxane	7.665	88	14931	312.666	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	255264	91.832	ug/l	90
52) Toluene	8.720	92	70880	17.298	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	40785	16.000	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	42688	16.470	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	29464	17.390	ug/l	97
56) Ethyl methacrylate	9.122	69	39151	14.518	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	48072	16.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	109463	82.236	ug/l	97
59) 2-Hexanone	9.433	43	198758	90.796	ug/l	87
60) Dibromochloromethane	9.525	129	29323	16.078	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31612	16.996	ug/l	100
64) Tetrachloroethene	9.275	164	28514	19.295	ug/l	90
65) Chlorobenzene	10.079	112	77349	17.389	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	28324	17.085	ug/l	99
67) Ethyl Benzene	10.195	91	135853	17.253	ug/l	97
68) m/p-Xylenes	10.305	106	102043	33.795	ug/l	96
69) o-Xylene	10.646	106	49883	16.707	ug/l	100
70) Styrene	10.659	104	78924	15.808	ug/l	96
71) Bromoform	10.805	173	19818	15.400	ug/l #	99
73) Isopropylbenzene	10.963	105	133628	17.457	ug/l	98
74) N-amyl acetate	10.848	43	56069	15.924	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	45524	16.816	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	42023m	17.090	ug/l	
77) Bromobenzene	11.201	156	34914	17.725	ug/l	93
78) n-propylbenzene	11.305	91	152118	16.999	ug/l	100
79) 2-Chlorotoluene	11.366	91	90877	16.671	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	115229	17.621	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12040	14.908	ug/l #	84
82) 4-Chlorotoluene	11.457	91	109235	17.032	ug/l	99
83) tert-Butylbenzene	11.719	119	109988	16.777	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	116714	17.950	ug/l	100
85) sec-Butylbenzene	11.890	105	128203	15.895	ug/l	98
86) p-Isopropyltoluene	12.012	119	118668	17.254	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	60664	16.172	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	61725	15.929	ug/l	97
89) n-Butylbenzene	12.335	91	99508	16.340	ug/l	96
90) Hexachloroethane	12.542	117	17774	15.716	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	61182	16.498	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10274	15.718	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	38605	16.350	ug/l	99
94) Hexachlorobutadiene	13.725	225	16116	14.921	ug/l	97
95) Naphthalene	13.780	128	128064	16.946	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38945	16.097	ug/l	99

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

