

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024205.D
 Acq On : 14 Sep 2021 14:08
 Operator : JC/MD
 Sample : VX0914WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:10 PM

Quant Time: Sep 22 07:36:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	192258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132950	48.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.980%		
35) Dibromofluoromethane	5.391	113	97928	48.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.820%		
50) Toluene-d8	8.653	98	371350	50.909	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.820%		
62) 4-Bromofluorobenzene	11.085	95	146268	51.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	39033	21.120	ug/l	98
3) Chloromethane	1.295	50	39131	20.276	ug/l	98
4) Vinyl Chloride	1.374	62	37976	19.772	ug/l	97
5) Bromomethane	1.599	94	30531	26.701	ug/l	96
6) Chloroethane	1.685	64	24619	19.405	ug/l	99
7) Trichlorofluoromethane	1.886	101	66548	20.655	ug/l	97
8) Diethyl Ether	2.136	74	23254	20.858	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	40749	21.529	ug/l	99
10) Methyl Iodide	2.453	142	42346	16.171	ug/l #	88
11) Tert butyl alcohol	2.971	59	59592	89.434	ug/l	100
12) 1,1-Dichloroethene	2.319	96	36341	20.501	ug/l	94
13) Acrolein	2.240	56	15442	85.461	ug/l	95
14) Allyl chloride	2.666	41	64984	20.171	ug/l	90
15) Acrylonitrile	3.069	53	112664	100.473	ug/l	98
16) Acetone	2.386	43	120343	102.948	ug/l	90
17) Carbon Disulfide	2.514	76	89361	20.115	ug/l	96
18) Methyl Acetate	2.709	43	72890	19.889	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	132485	20.336	ug/l	100
20) Methylene Chloride	2.794	84	42813	19.072	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	39796	20.506	ug/l	98
22) Diisopropyl ether	3.770	45	129782	20.511	ug/l	97
23) Vinyl Acetate	3.727	43	528516	102.871	ug/l	95
24) 1,1-Dichloroethane	3.617	63	73635	19.832	ug/l	98
25) 2-Butanone	4.568	43	172322	100.085	ug/l	94
26) 2,2-Dichloropropane	4.483	77	67488	20.752	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	45546	20.322	ug/l	93
28) Bromochloromethane	4.904	49	27731	18.330	ug/l	94
29) Tetrahydrofuran	5.013	42	105032	97.463	ug/l	92
30) Chloroform	5.099	83	80250	20.325	ug/l	97
31) Cyclohexane	5.477	56	67501	21.049	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	73353	20.758	ug/l	97
36) 1,1-Dichloropropene	5.696	75	58477	21.303	ug/l	99
37) Ethyl Acetate	4.721	43	64271	20.094	ug/l	95
38) Carbon Tetrachloride	5.678	117	63644	20.599	ug/l	95
39) Methylcyclohexane	7.385	83	71822	21.915	ug/l	94
40) Benzene	6.044	78	165071	20.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34457	20.200	ug/l	94
42) 1,2-Dichloroethane	6.092	62	68535	20.875	ug/l	94
43) Isopropyl Acetate	6.349	43	102292	20.090	ug/l	93
44) Trichloroethene	7.129	130	46447	20.997	ug/l	96
45) 1,2-Dichloropropane	7.440	63	42982	20.684	ug/l	97
46) Dibromomethane	7.586	93	31912	20.980	ug/l	97
47) Bromodichloromethane	7.824	83	57994	20.505	ug/l	97
48) Methyl methacrylate	7.696	41	50334	19.813	ug/l	86
49) 1,4-Dioxane	7.659	88	22579	424.462	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	339655	104.686	ug/l	91
52) Toluene	8.720	92	110516	21.417	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	66706	20.797	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	69221	20.854	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	44665	20.324	ug/l	98
56) Ethyl methacrylate	9.122	69	68749	19.592	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	74532	20.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	163552	102.839	ug/l	98
59) 2-Hexanone	9.433	43	271990	107.585	ug/l	87
60) Dibromochloromethane	9.525	129	46175	19.614	ug/l	100
61) 1,2-Dibromoethane	9.616	107	48218	20.592	ug/l	100
64) Tetrachloroethene	9.275	164	47729	21.814	ug/l	96
65) Chlorobenzene	10.086	112	121343	20.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44578	20.701	ug/l	99
67) Ethyl Benzene	10.195	91	217604	21.408	ug/l	98
68) m/p-Xylenes	10.305	106	169301	43.506	ug/l	99
69) o-Xylene	10.647	106	82101	21.136	ug/l	99
70) Styrene	10.659	104	135671	21.530	ug/l	97
71) Bromoform	10.805	173	33613	19.410	ug/l #	99
73) Isopropylbenzene	10.964	105	220960	20.617	ug/l	100
74) N-amyl acetate	10.848	43	91951	20.381	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	72133	20.804	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67270m	20.327	ug/l	
77) Bromobenzene	11.201	156	55909	20.757	ug/l	93
78) n-propylbenzene	11.305	91	254621	21.030	ug/l	100
79) 2-Chlorotoluene	11.366	91	154303	20.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	189843	21.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	21683	19.270	ug/l	87
82) 4-Chlorotoluene	11.457	91	179973	21.033	ug/l	98
83) tert-Butylbenzene	11.720	119	183069	20.996	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	188572	21.220	ug/l	99
85) sec-Butylbenzene	11.896	105	233778	21.399	ug/l	100
86) p-Isopropyltoluene	12.012	119	196967	21.479	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101609	21.060	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	100287	20.364	ug/l	96
89) n-Butylbenzene	12.335	91	171307	21.590	ug/l	96
90) Hexachloroethane	12.543	117	29925	20.254	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	99089	20.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15039	18.906	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	58944	21.132	ug/l	99
94) Hexachlorobutadiene	13.725	225	29676	21.305	ug/l	99
95) Naphthalene	13.780	128	187213	19.020	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57776	20.550	ug/l	99

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

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