

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024225.D
 Acq On : 14 Sep 2021 22:58
 Operator : JC/MD
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:18 PM

Quant Time: Sep 22 07:48:10 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	5.562	168	174730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	259035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127137	51.026	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.060%			
35) Dibromofluoromethane	5.397	113	92184	48.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
50) Toluene-d8	8.653	98	345135	50.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.085	95	131046	48.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34236	20.383	ug/l	97
3) Chloromethane	1.300	50	35441	20.206	ug/l	99
4) Vinyl Chloride	1.374	62	35619	20.405	ug/l	100
5) Bromomethane	1.605	94	27484	26.448	ug/l	95
6) Chloroethane	1.685	64	23671	20.530	ug/l	98
7) Trichlorofluoromethane	1.886	101	62204	21.243	ug/l	98
8) Diethyl Ether	2.142	74	21303	21.025	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	34783	20.220	ug/l	92
10) Methyl Iodide	2.459	142	45478	19.109	ug/l	91
11) Tert butyl alcohol	2.977	59	58784	99.041	ug/l	99
12) 1,1-Dichloroethene	2.325	96	32869	20.402	ug/l	90
13) Acrolein	2.239	56	15271	92.993	ug/l	99
14) Allyl chloride	2.666	41	60117	20.532	ug/l	90
15) Acrylonitrile	3.075	53	109160	107.114	ug/l	97
16) Acetone	2.392	43	106682	100.416	ug/l #	86
17) Carbon Disulfide	2.514	76	79752	19.753	ug/l	99
18) Methyl Acetate	2.715	43	70799	21.256	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	124984	21.109	ug/l	100
20) Methylene Chloride	2.794	84	40156	19.683	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	36531	20.712	ug/l	95
22) Diisopropyl ether	3.770	45	122964	21.383	ug/l	90
23) Vinyl Acetate	3.733	43	500975	107.292	ug/l	94
24) 1,1-Dichloroethane	3.617	63	69737	20.666	ug/l	97
25) 2-Butanone	4.568	43	162453	103.818	ug/l	94
26) 2,2-Dichloropropane	4.489	77	49310	16.684	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	42668	20.947	ug/l	96
28) Bromochloromethane	4.910	49	29077	21.148	ug/l	98
29) Tetrahydrofuran	5.025	42	105165	107.375	ug/l	90
30) Chloroform	5.105	83	75867	21.142	ug/l	98
31) Cyclohexane	5.483	56	59492	20.413	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	68231	21.245	ug/l	99
36) 1,1-Dichloropropene	5.702	75	53104	20.466	ug/l	99
37) Ethyl Acetate	4.727	43	61493	20.338	ug/l	94
38) Carbon Tetrachloride	5.684	117	58740	20.113	ug/l	98
39) Methylcyclohexane	7.391	83	63627	20.538	ug/l	97
40) Benzene	6.050	78	154016	20.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33521	20.790	ug/l	92
42) 1,2-Dichloroethane	6.098	62	65597	21.138	ug/l	94
43) Isopropyl Acetate	6.354	43	98359	20.437	ug/l	93
44) Trichloroethene	7.135	130	43285	20.700	ug/l	93
45) 1,2-Dichloropropane	7.440	63	40235	20.484	ug/l	99
46) Dibromomethane	7.586	93	29533	20.540	ug/l	97
47) Bromodichloromethane	7.830	83	54869	20.523	ug/l	99
48) Methyl methacrylate	7.702	41	49288	20.525	ug/l	87
49) 1,4-Dioxane	7.665	88	21666	430.886	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	323947	105.626	ug/l	91
52) Toluene	8.726	92	99891	20.479	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	58605	19.329	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	62176	19.817	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	41023	19.748	ug/l	97
56) Ethyl methacrylate	9.122	69	63476	19.169	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	69313	20.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	137451	91.432	ug/l	98
59) 2-Hexanone	9.433	43	255705	107.001	ug/l	87
60) Dibromochloromethane	9.525	129	40484	18.318	ug/l	100
61) 1,2-Dibromoethane	9.616	107	43680	19.734	ug/l	100
64) Tetrachloroethene	9.275	164	43606	21.730	ug/l	94
65) Chlorobenzene	10.085	112	109311	20.512	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	40475	20.493	ug/l	99
67) Ethyl Benzene	10.195	91	195750	20.998	ug/l	99
68) m/p-Xylenes	10.305	106	150729	42.232	ug/l	97
69) o-Xylene	10.646	106	75514	21.196	ug/l	99
70) Styrene	10.659	104	120326	20.819	ug/l	96
71) Bromoform	10.805	173	28995	18.322	ug/l #	99
73) Isopropylbenzene	10.963	105	196984	20.644	ug/l	100
74) N-amyl acetate	10.848	43	84075	20.931	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	65830	21.325	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	60503m	20.535	ug/l	
77) Bromobenzene	11.201	156	48965	20.418	ug/l	95
78) n-propylbenzene	11.305	91	220572	20.463	ug/l	99
79) 2-Chlorotoluene	11.366	91	139784	20.877	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	165418	20.567	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17094	17.063	ug/l #	83
82) 4-Chlorotoluene	11.457	91	157012	20.610	ug/l	99
83) tert-Butylbenzene	11.719	119	160510	20.676	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	167118	21.122	ug/l	98
85) sec-Butylbenzene	11.896	105	203046	20.876	ug/l	100
86) p-Isopropyltoluene	12.012	119	167495	20.516	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	89550	20.847	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	89390	20.388	ug/l	98
89) n-Butylbenzene	12.335	91	144263	20.422	ug/l	96
90) Hexachloroethane	12.542	117	25673	19.517	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	87963	20.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13619	19.230	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	49710	20.017	ug/l	98
94) Hexachlorobutadiene	13.725	225	23531	18.975	ug/l	95
95) Naphthalene	13.780	128	165358	18.880	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50068	20.002	ug/l	99

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

