

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024186.D
 Acq On : 13 Sep 2021 15:57
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:31 AM

Quant Time: Sep 14 05:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	197553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	306711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135422	48.522	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.397	113	100861	48.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	8.653	98	376446	49.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.085	95	146238	49.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	37668	20.071	ug/l	99
3) Chloromethane	1.294	50	35652	20.359	ug/l	99
4) Vinyl Chloride	1.374	62	36254	19.248	ug/l	99
5) Bromomethane	1.599	94	26865	24.680	ug/l	98
6) Chloroethane	1.685	64	23717	18.974	ug/l	97
7) Trichlorofluoromethane	1.886	101	64864	20.135	ug/l	96
8) Diethyl Ether	2.136	74	22584	20.159	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	39530	20.738	ug/l	97
10) Methyl Iodide	2.453	142	42865	17.470	ug/l	91
11) Tert butyl alcohol	2.971	59	60940	93.291	ug/l	100
12) 1,1-Dichloroethene	2.319	96	34826	19.327	ug/l	90
13) Acrolein	2.239	56	21175	92.839	ug/l	95
14) Allyl chloride	2.666	41	63559	19.657	ug/l	90
15) Acrylonitrile	3.068	53	114474	100.030	ug/l	97
16) Acetone	2.386	43	108981	93.963	ug/l	91
17) Carbon Disulfide	2.514	76	78466	18.451	ug/l	99
18) Methyl Acetate	2.709	43	64347	20.727	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	133075	19.826	ug/l	99
20) Methylene Chloride	2.794	84	42059	20.841	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	37406	19.498	ug/l	96
22) Diisopropyl ether	3.769	45	129470	20.116	ug/l	96
23) Vinyl Acetate	3.733	43	514989	100.774	ug/l	94
24) 1,1-Dichloroethane	3.617	63	73116	19.880	ug/l	98
25) 2-Butanone	4.568	43	170347	97.405	ug/l	93
26) 2,2-Dichloropropane	4.489	77	62890	18.923	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	45853	19.902	ug/l	96
28) Bromochloromethane	4.903	49	26177	16.225	ug/l	96
29) Tetrahydrofuran	5.019	42	109923	99.841	ug/l	91
30) Chloroform	5.105	83	79115	19.808	ug/l	96
31) Cyclohexane	5.477	56	64950	20.876	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	71198	19.700	ug/l	98
36) 1,1-Dichloropropene	5.696	75	56095	19.819	ug/l	98
37) Ethyl Acetate	4.727	43	63521	19.699	ug/l #	94
38) Carbon Tetrachloride	5.690	117	62108	20.047	ug/l	97
39) Methylcyclohexane	7.385	83	68281	20.509	ug/l	96
40) Benzene	6.050	78	161121	20.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	34988	20.404	ug/l	93
42) 1,2-Dichloroethane	6.098	62	68734	20.828	ug/l	94
43) Isopropyl Acetate	6.348	43	104003	19.896	ug/l	93
44) Trichloroethene	7.135	130	45819	20.341	ug/l	94
45) 1,2-Dichloropropane	7.433	63	41844	20.079	ug/l	96
46) Dibromomethane	7.586	93	30949	20.195	ug/l	97
47) Bromodichloromethane	7.824	83	58639	20.254	ug/l	96
48) Methyl methacrylate	7.696	41	50740	20.423	ug/l	86
49) 1,4-Dioxane	7.665	88	22605	399.097	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	344758	104.464	ug/l	91
52) Toluene	8.720	92	105840	20.472	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65201	19.822	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	67218	19.775	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	44249	19.940	ug/l	97
56) Ethyl methacrylate	9.122	69	68280	19.897	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	73703	20.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	157545	94.164	ug/l	99
59) 2-Hexanone	9.433	43	267795	103.658	ug/l	87
60) Dibromochloromethane	9.525	129	45160	19.940	ug/l	99
61) 1,2-Dibromoethane	9.616	107	46621	19.976	ug/l	99
64) Tetrachloroethene	9.275	164	46097	21.081	ug/l	95
65) Chlorobenzene	10.079	112	116444	20.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44388	19.811	ug/l	99
67) Ethyl Benzene	10.195	91	207276	20.331	ug/l	98
68) m/p-Xylenes	10.305	106	161007	41.281	ug/l	99
69) o-Xylene	10.646	106	78807	20.156	ug/l	97
70) Styrene	10.659	104	129096	20.609	ug/l	96
71) Bromoform	10.805	173	32714	19.433	ug/l #	99
73) Isopropylbenzene	10.963	105	212140	20.419	ug/l	99
74) N-amyl acetate	10.848	43	90023	20.173	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	70792	20.900	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	65359m	20.339	ug/l	
77) Bromobenzene	11.201	156	52297	19.503	ug/l	95
78) n-propylbenzene	11.305	91	239790	20.410	ug/l	98
79) 2-Chlorotoluene	11.366	91	149380	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	181541	20.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20682	19.001	ug/l	88
82) 4-Chlorotoluene	11.457	91	170153	20.273	ug/l	98
83) tert-Butylbenzene	11.719	119	177376	20.602	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	179824	20.464	ug/l	99
85) sec-Butylbenzene	11.896	105	222026	20.716	ug/l	98
86) p-Isopropyltoluene	12.012	119	188131	20.860	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	96957	20.199	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	95998	20.056	ug/l	97
89) n-Butylbenzene	12.335	91	159039	20.636	ug/l	97
90) Hexachloroethane	12.542	117	28881	19.992	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	96744	20.549	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15256	19.709	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	56116	20.209	ug/l	98
94) Hexachlorobutadiene	13.725	225	27963	20.963	ug/l	98
95) Naphthalene	13.780	128	184351	20.437	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55829	20.212	ug/l	97

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

