

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024369.D
 Acq On : 20 Sep 2021 23:56
 Operator : JC/MD
 Sample : VX0920WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

Manual Integrations
 APPROVED

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 9/22/2021 7:40:27 PM

Quant Time: Sep 22 09:00:01 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	5.568	168	183448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	275702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131292	50.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.380%	
35) Dibromofluoromethane	5.397	113	101361	51.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.280%	
50) Toluene-d8	8.653	98	375162	51.962	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	11.085	95	144034	51.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	32865	18.637	ug/l	98
3) Chloromethane	1.300	50	35525	19.291	ug/l	98
4) Vinyl Chloride	1.380	62	35577	19.412	ug/l	97
5) Bromomethane	1.605	94	24746	22.681	ug/l	100
6) Chloroethane	1.691	64	19633	16.218	ug/l	97
7) Trichlorofluoromethane	1.892	101	52042	16.928	ug/l	94
8) Diethyl Ether	2.142	74	17678	16.618	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	32077	17.761	ug/l	97
10) Methyl Iodide	2.459	142	36545	14.626	ug/l	90
11) Tert butyl alcohol	2.971	59	55914	87.560	ug/l	98
12) 1,1-Dichloroethene	2.325	96	30111	17.802	ug/l	92
13) Acrolein	2.245	56	14378	83.394	ug/l	97
14) Allyl chloride	2.672	41	53431	17.382	ug/l	89
15) Acrylonitrile	3.074	53	109381	102.230	ug/l	96
16) Acetone	2.392	43	95179	85.331	ug/l	90
17) Carbon Disulfide	2.514	76	68703	16.208	ug/l	98
18) Methyl Acetate	2.715	43	65277	18.667	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	126215	20.304	ug/l	98
20) Methylene Chloride	2.800	84	37044	17.295	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	36044	19.465	ug/l	89
22) Diisopropyl ether	3.776	45	127151	21.060	ug/l	94
23) Vinyl Acetate	3.733	43	497928	101.572	ug/l	95
24) 1,1-Dichloroethane	3.617	63	71861	20.284	ug/l	96
25) 2-Butanone	4.568	43	161801	98.487	ug/l	92
26) 2,2-Dichloropropane	4.489	77	46977	15.139	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	43428	20.307	ug/l	98
28) Bromochloromethane	4.910	49	25333	17.549	ug/l	96
29) Tetrahydrofuran	5.019	42	106863	103.924	ug/l	89
30) Chloroform	5.111	83	77002	20.439	ug/l	99
31) Cyclohexane	5.483	56	59585	19.473	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	68636	20.356	ug/l	99
36) 1,1-Dichloropropene	5.702	75	53075	19.534	ug/l	99
37) Ethyl Acetate	4.733	43	61675	19.481	ug/l	# 95
38) Carbon Tetrachloride	5.684	117	58278	19.057	ug/l	94
39) Methylcyclohexane	7.391	83	61137	18.847	ug/l	98
40) Benzene	6.050	78	157125	20.163	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33413	19.791	ug/l	92
42) 1,2-Dichloroethane	6.098	62	62899	19.356	ug/l	95
43) Isopropyl Acetate	6.348	43	96266	19.102	ug/l	94
44) Trichloroethene	7.135	130	42953	19.618	ug/l	99
45) 1,2-Dichloropropane	7.440	63	41223	20.043	ug/l	95
46) Dibromomethane	7.586	93	28668	19.042	ug/l	99
47) Bromodichloromethane	7.830	83	54895	19.609	ug/l	96
48) Methyl methacrylate	7.702	41	48054	19.111	ug/l	91
49) 1,4-Dioxane	7.665	88	19656	373.328	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	311445	96.982	ug/l	91
52) Toluene	8.726	92	103148	20.196	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58220	18.339	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	59499	18.111	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	42558	19.566	ug/l	97
56) Ethyl methacrylate	9.122	69	64969	18.768	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	63729	17.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	145072	92.161	ug/l	98
59) 2-Hexanone	9.433	43	248010	99.113	ug/l	88
60) Dibromochloromethane	9.525	129	42319	18.289	ug/l	98
61) 1,2-Dibromoethane	9.610	107	44234	19.085	ug/l	100
64) Tetrachloroethene	9.281	164	41551	19.454	ug/l	96
65) Chlorobenzene	10.085	112	111891	19.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41136	19.568	ug/l	100
67) Ethyl Benzene	10.195	91	198729	20.029	ug/l	99
68) m/p-Xylenes	10.305	106	154772	40.743	ug/l	100
69) o-Xylene	10.646	106	67775	17.873	ug/l	96
70) Styrene	10.658	104	117729	19.138	ug/l	98
71) Bromoform	10.805	173	26503	15.894	ug/l #	99
73) Isopropylbenzene	10.963	105	192989	18.810	ug/l	99
74) N-amyl acetate	10.847	43	76541	17.721	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	65780	19.817	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	60294m	19.032	ug/l	
77) Bromobenzene	11.201	156	49995	19.388	ug/l	96
78) n-propylbenzene	11.305	91	225540	19.459	ug/l	99
79) 2-Chlorotoluene	11.366	91	142397	19.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	168860	19.525	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	17404	16.156	ug/l	86
82) 4-Chlorotoluene	11.457	91	160869	19.639	ug/l	99
83) tert-Butylbenzene	11.719	119	163237	19.556	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	170092	19.993	ug/l	98
85) sec-Butylbenzene	11.896	105	207286	19.820	ug/l	100
86) p-Isopropyltoluene	12.012	119	173410	19.753	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	92238	19.970	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92997	19.725	ug/l	98
89) n-Butylbenzene	12.335	91	143217	18.854	ug/l	98
90) Hexachloroethane	12.542	117	22538	15.935	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	88123	19.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11914	15.645	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	54979	20.589	ug/l	97
94) Hexachlorobutadiene	13.725	225	24615	18.460	ug/l	96
95) Naphthalene	13.780	128	174325	18.535	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53903	20.027	ug/l	99

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

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