

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022144.D
 Acq On : 24 May 2021 13:52
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:59:32 PM

Quant Time: May 24 15:51:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	165932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67182	49.68	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.36%		
35) Dibromofluoromethane	5.391	113	52347	49.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.50%		
50) Toluene-d8	8.653	98	203709	50.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.52%		
62) 4-Bromofluorobenzene	11.085	95	78464	52.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19290	18.10	ug/l	96
3) Chloromethane	1.295	50	20581	17.90	ug/l	99
4) Vinyl Chloride	1.374	62	22237	18.28	ug/l	97
5) Bromomethane	1.599	94	12402	17.49	ug/l	100
6) Chloroethane	1.685	64	13694	18.91	ug/l	96
7) Trichlorofluoromethane	1.886	101	32454	18.56	ug/l	98
8) Diethyl Ether	2.136	74	13022	17.31	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	19236	18.52	ug/l	92
10) Methyl Iodide	2.453	142	17957	16.09	ug/l	96
11) Tert butyl alcohol	2.977	59	30502	98.62	ug/l	100
12) 1,1-Dichloroethene	2.319	96	18011	17.93	ug/l	92
13) Acrolein	2.239	56	20304	98.98	ug/l	97
14) Allyl chloride	2.666	41	34477	18.68	ug/l	96
15) Acrylonitrile	3.069	53	59364	97.49	ug/l	100
16) Acetone	2.386	43	54135	91.94	ug/l	97
17) Carbon Disulfide	2.514	76	42789	16.26	ug/l	99
18) Methyl Acetate	2.709	43	30259	19.32	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	64240	18.66	ug/l	99
20) Methylene Chloride	2.794	84	22564	17.26	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	20219	18.50	ug/l	95
22) Diisopropyl ether	3.770	45	65798	18.51	ug/l	100
23) Vinyl Acetate	3.727	43	319074	93.24	ug/l	97
24) 1,1-Dichloroethane	3.611	63	38574	18.49	ug/l	97
25) 2-Butanone	4.568	43	92967	97.59	ug/l	97
26) 2,2-Dichloropropane	4.483	77	33378	18.03	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	25818	19.43	ug/l	96
28) Bromochloromethane	4.904	49	18327	18.11	ug/l	86
29) Tetrahydrofuran	5.013	42	52892	93.29	ug/l	93
30) Chloroform	5.105	83	39362	18.26	ug/l	97
31) Cyclohexane	5.471	56	30875	18.17	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	34676	18.83	ug/l	98
36) 1,1-Dichloropropene	5.702	75	29148	19.00	ug/l	97
37) Ethyl Acetate	4.727	43	35104	18.66	ug/l	96
38) Carbon Tetrachloride	5.690	117	29030	19.34	ug/l	98
39) Methylcyclohexane	7.385	83	32414	18.63	ug/l	98
40) Benzene	6.044	78	89865	19.04	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18923	18.81	ug/l	96
42) 1,2-Dichloroethane	6.092	62	32026	19.36	ug/l	97
43) Isopropyl Acetate	6.348	43	59011	19.18	ug/l	95
44) Trichloroethene	7.135	130	21669	18.47	ug/l	98
45) 1,2-Dichloropropane	7.434	63	23338	19.38	ug/l	99
46) Dibromomethane	7.586	93	15365	18.81	ug/l #	88
47) Bromodichloromethane	7.824	83	30664	18.76	ug/l #	94
48) Methyl methacrylate	7.696	41	27711	19.54	ug/l	92
49) 1,4-Dioxane	7.665	88	11543	418.15	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	182904	99.25	ug/l	93
52) Toluene	8.720	92	56173	18.79	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	35720	18.93	ug/l	93
54) cis-1,3-Dichloropropene	8.373	75	37779	18.62	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	23352	19.24	ug/l	95
56) Ethyl methacrylate	9.122	69	37484	19.11	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	39573	19.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	95498	90.02	ug/l	100
59) 2-Hexanone	9.433	43	140290	101.22	ug/l	91
60) Dibromochloromethane	9.525	129	21849	18.50	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23064	19.09	ug/l	99
64) Tetrachloroethene	9.275	164	19542	19.37	ug/l	91
65) Chlorobenzene	10.086	112	60255	18.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20517	18.46	ug/l	98
67) Ethyl Benzene	10.195	91	107610	18.29	ug/l	99
68) m/p-Xylenes	10.305	106	83395	37.50	ug/l	99
69) o-Xylene	10.647	106	40125	18.55	ug/l	99
70) Styrene	10.659	104	67992	19.19	ug/l	99
71) Bromoform	10.805	173	13923	17.29	ug/l #	98
73) Isopropylbenzene	10.964	105	107510	18.51	ug/l	98
74) N-amyl acetate	10.848	43	50686	18.39	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	36468	18.95	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	32668m	19.30	ug/l	
77) Bromobenzene	11.201	156	23042	18.71	ug/l	90
78) n-propylbenzene	11.305	91	126305	18.57	ug/l	99
79) 2-Chlorotoluene	11.366	91	74356	18.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	90367	18.78	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	11972	16.76	ug/l	97
82) 4-Chlorotoluene	11.457	91	86304	18.16	ug/l	96
83) tert-Butylbenzene	11.719	119	84660	18.34	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	90176	18.61	ug/l	99
85) sec-Butylbenzene	11.896	105	109472	18.66	ug/l	99
86) p-Isopropyltoluene	12.012	119	91782	18.53	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	42625	17.95	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	43716	17.81	ug/l	94
89) n-Butylbenzene	12.335	91	83757	18.28	ug/l	99
90) Hexachloroethane	12.543	117	14580	17.81	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	43243	18.96	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7817	18.98	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	25086	18.23	ug/l	97
94) Hexachlorobutadiene	13.731	225	9766	18.18	ug/l	99
95) Naphthalene	13.780	128	103299	19.25	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25668	18.51	ug/l	96

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

