

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021624.D
 Acq On : 30 Mar 2021 13:12
 Operator : JC/MD
 Sample : VX0330WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 6:59:37 PM

Quant Time: Mar 31 04:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	73314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	121459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	59172	48.51	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.02%
35) Dibromofluoromethane	5.464	113	42283	49.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.02%
50) Toluene-d8	8.694	98	148434	48.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.56%
62) 4-Bromofluorobenzene	11.118	95	58087	48.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	13761	17.08	ug/l	100
3) Chloromethane	1.311	50	16627	17.98	ug/l	99
4) Vinyl Chloride	1.393	62	15156	18.39	ug/l	100
5) Bromomethane	1.623	94	7198	21.70	ug/l	100
6) Chloroethane	1.705	64	9498	18.17	ug/l	97
7) Trichlorofluoromethane	1.911	101	25041	18.68	ug/l	98
8) Diethyl Ether	2.164	74	8607	18.50	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.358	101	14323	18.98	ug/l	97
10) Methyl Iodide	2.487	142	11584	23.69	ug/l #	88
11) Tert butyl alcohol	3.017	59	17538	86.97	ug/l	97
12) 1,1-Dichloroethene	2.352	96	12930	17.50	ug/l	89
13) Acrolein	2.270	56	8838	89.69	ug/l	100
14) Allyl chloride	2.705	41	26108	17.41	ug/l #	88
15) Acrylonitrile	3.111	53	42541	88.76	ug/l	96
16) Acetone	2.417	43	40498	87.80	ug/l	92
17) Carbon Disulfide	2.546	76	32183	15.51	ug/l	99
18) Methyl Acetate	2.746	43	26380	19.80	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	49607	17.98	ug/l	98
20) Methylene Chloride	2.835	84	16090	17.88	ug/l #	88
21) trans-1,2-Dichloroethene	3.140	96	14340	17.67	ug/l	93
22) Diisopropyl ether	3.823	45	53202	18.26	ug/l	97
23) Vinyl Acetate	3.782	43	215848	87.58	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	29005	18.47	ug/l	98
25) 2-Butanone	4.635	43	61798	88.39	ug/l	93
26) 2,2-Dichloropropane	4.547	77	24368	17.91	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	16917	17.95	ug/l	89
28) Bromochloromethane	4.970	49	14675	18.66	ug/l	86
29) Tetrahydrofuran	5.088	42	39811	87.82	ug/l #	85
30) Chloroform	5.170	83	31011	18.71	ug/l	100
31) Cyclohexane	5.547	56	23163	17.27	ug/l	89
32) 1,1,1-Trichloroethane	5.458	97	27530	18.74	ug/l	95
36) 1,1-Dichloropropene	5.764	75	21015	17.66	ug/l	99
37) Ethyl Acetate	4.794	43	23130	16.81	ug/l #	93
38) Carbon Tetrachloride	5.747	117	23611	18.46	ug/l	96
39) Methylcyclohexane	7.435	83	23267	17.64	ug/l	92
40) Benzene	6.106	78	62068	18.37	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	13529	16.95	ug/l	89
42) 1,2-Dichloroethane	6.159	62	27565	18.81	ug/l	94
43) Isopropyl Acetate	6.412	43	39263	17.57	ug/l #	90
44) Trichloroethene	7.182	130	16018	17.96	ug/l	94
45) 1,2-Dichloropropane	7.482	63	17296	18.89	ug/l	95
46) Dibromomethane	7.635	93	12300	18.43	ug/l	93
47) Bromodichloromethane	7.871	83	25147	18.52	ug/l	98
48) Methyl methacrylate	7.741	41	20911	17.54	ug/l #	82
49) 1,4-Dioxane	7.712	88	8046	377.06	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	125433	91.27	ug/l	88
52) Toluene	8.765	92	38313	18.35	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	24649	17.98	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	26232	17.98	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	17115	19.43	ug/l	96
56) Ethyl methacrylate	9.159	69	23527	17.23	ug/l #	74
57) 1,3-Dichloropropane	9.347	76	27769	18.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	66474	89.28	ug/l	95
59) 2-Hexanone	9.471	43	93693	90.79	ug/l	85
60) Dibromochloromethane	9.559	129	18897	19.15	ug/l	99
61) 1,2-Dibromoethane	9.653	107	17116	18.09	ug/l	98
64) Tetrachloroethene	9.318	164	15688	20.88	ug/l	94
65) Chlorobenzene	10.118	112	42984	19.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	16873	19.55	ug/l	97
67) Ethyl Benzene	10.236	91	75663	18.43	ug/l	99
68) m/p-Xylenes	10.341	106	55262	37.77	ug/l	91
69) o-Xylene	10.683	106	26612	18.78	ug/l	92
70) Styrene	10.694	104	46193	18.96	ug/l	97
71) Bromoform	10.841	173	13256	18.90	ug/l #	95
73) Isopropylbenzene	11.000	105	74142	18.52	ug/l	100
74) N-amyl acetate	10.877	43	33704	17.40	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	26495	18.73	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25172m	18.97	ug/l	
77) Bromobenzene	11.242	156	18609	18.75	ug/l	98
78) n-propylbenzene	11.342	91	87170	18.44	ug/l	98
79) 2-Chlorotoluene	11.400	91	53365	18.61	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	64312	18.80	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.053	75	7540	17.31	ug/l #	86
82) 4-Chlorotoluene	11.495	91	62371	18.31	ug/l	97
83) tert-Butylbenzene	11.753	119	59776	17.95	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	64776	18.79	ug/l	97
85) sec-Butylbenzene	11.930	105	71951	18.73	ug/l	100
86) p-Isopropyltoluene	12.048	119	65227	18.65	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	34512	19.31	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	34643	18.74	ug/l	98
89) n-Butylbenzene	12.371	91	59309	18.51	ug/l	95
90) Hexachloroethane	12.577	117	11050	17.51	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	32929	18.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5795	17.58	ug/l	84
93) 1,2,4-Trichlorobenzene	13.624	180	19705	17.30	ug/l	97
94) Hexachlorobutadiene	13.765	225	9418	18.32	ug/l	96
95) Naphthalene	13.818	128	64640	17.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20071	17.63	ug/l	98

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

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