

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021217.D
 Acq On : 15 Mar 2021 22:47
 Operator : JC/MD
 Sample : VX0315WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:45:47 AM

Quant Time: Mar 16 03:08:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	79574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	138149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	69827	51.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.92%			
35) Dibromofluoromethane	5.470	113	47352	49.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.64%			
50) Toluene-d8	8.694	98	167801	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.28%			
62) 4-Bromofluorobenzene	11.118	95	65147	50.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	18647	18.26	ug/l	98
3) Chloromethane	1.317	50	18916	18.29	ug/l	99
4) Vinyl Chloride	1.393	62	19239	18.93	ug/l	95
5) Bromomethane	1.623	94	11687	19.96	ug/l	95
6) Chloroethane	1.711	64	11729	19.46	ug/l	97
7) Trichlorofluoromethane	1.917	101	30067	19.03	ug/l	93
8) Diethyl Ether	2.170	74	10289	19.18	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	16130	18.70	ug/l	93
10) Methyl Iodide	2.493	142	19889	17.20	ug/l #	87
11) Tert butyl alcohol	3.017	59	22103	93.52	ug/l	98
12) 1,1-Dichloroethene	2.358	96	16049	18.74	ug/l	85
13) Acrolein	2.276	56	12656	87.14	ug/l	98
14) Allyl chloride	2.705	41	33308	17.82	ug/l #	88
15) Acrylonitrile	3.117	53	51570	98.94	ug/l	97
16) Acetone	2.423	43	49635	91.00	ug/l	89
17) Carbon Disulfide	2.552	76	46736	18.45	ug/l	100
18) Methyl Acetate	2.752	43	25349	19.19	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	60680	18.63	ug/l	95
20) Methylene Chloride	2.835	84	19002	18.45	ug/l #	84
21) trans-1,2-Dichloroethene	3.146	96	17803	18.92	ug/l	93
22) Diisopropyl ether	3.829	45	65591	19.19	ug/l #	93
23) Vinyl Acetate	3.788	43	283695	94.94	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	35243	19.13	ug/l	95
25) 2-Butanone	4.635	43	74515	94.96	ug/l	90
26) 2,2-Dichloropropane	4.552	77	26171	15.62	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	20586	19.13	ug/l	89
28) Bromochloromethane	4.982	49	17526	19.06	ug/l #	79
29) Tetrahydrofuran	5.088	42	48780	96.38	ug/l	87
30) Chloroform	5.176	83	36469	19.01	ug/l	100
31) Cyclohexane	5.553	56	30746	17.91	ug/l	89
32) 1,1,1-Trichloroethane	5.464	97	32241	18.98	ug/l	95
36) 1,1-Dichloropropene	5.770	75	26460	18.28	ug/l	97
37) Ethyl Acetate	4.794	43	29182	18.30	ug/l #	93
38) Carbon Tetrachloride	5.753	117	27658	17.40	ug/l	97
39) Methylcyclohexane	7.441	83	28589	17.58	ug/l	90
40) Benzene	6.111	78	74848	18.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	17045	18.54	ug/l	89
42) 1,2-Dichloroethane	6.164	62	32277	18.75	ug/l	94
43) Isopropyl Acetate	6.411	43	50239	18.78	ug/l #	90
44) Trichloroethene	7.188	130	19346	17.99	ug/l	97
45) 1,2-Dichloropropane	7.488	63	20271	18.53	ug/l	95
46) Dibromomethane	7.641	93	14362	18.85	ug/l	90
47) Bromodichloromethane	7.876	83	29685	18.58	ug/l	93
48) Methyl methacrylate	7.747	41	26155	19.00	ug/l #	81
49) 1,4-Dioxane	7.712	88	9367	403.33	ug/l #	86
51) 4-Methyl-2-Pentanone	8.618	43	149914	98.29	ug/l	87
52) Toluene	8.765	92	45627	18.70	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	29377	17.75	ug/l	97
54) cis-1,3-Dichloropropene	8.418	75	31937	18.11	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	18995	18.87	ug/l	99
56) Ethyl methacrylate	9.159	69	29496	18.87	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	33432	19.20	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.288	63	76179	97.14	ug/l	94
59) 2-Hexanone	9.471	43	113117	98.53	ug/l	84
60) Dibromochloromethane	9.565	129	20630	17.94	ug/l	99
61) 1,2-Dibromoethane	9.653	107	20097	19.03	ug/l	97
64) Tetrachloroethene	9.318	164	18399	16.90	ug/l #	90
65) Chlorobenzene	10.118	112	47697	18.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	18113	17.62	ug/l	99
67) Ethyl Benzene	10.236	91	88823	18.38	ug/l	97
68) m/p-Xylenes	10.341	106	63200	36.49	ug/l	92
69) o-Xylene	10.683	106	30490	18.13	ug/l	93
70) Styrene	10.694	104	51805	18.17	ug/l	94
71) Bromoform	10.841	173	14181	17.07	ug/l #	99
73) Isopropylbenzene	11.000	105	81899	17.77	ug/l	99
74) N-amyl acetate	10.883	43	41259	18.74	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	27353	19.24	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	27469m	18.66	ug/l	
77) Bromobenzene	11.242	156	19679	17.95	ug/l	90
78) n-propylbenzene	11.342	91	97580	18.39	ug/l	98
79) 2-Chlorotoluene	11.406	91	58508	18.21	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	71428	18.46	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	7775	14.99	ug/l #	78
82) 4-Chlorotoluene	11.494	91	69526	18.49	ug/l	95
83) tert-Butylbenzene	11.753	119	65150	18.47	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	70864	18.19	ug/l	96
85) sec-Butylbenzene	11.930	105	78857	18.37	ug/l	99
86) p-Isopropyltoluene	12.047	119	69315	17.60	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	34572	18.06	ug/l	95
88) 1,4-Dichlorobenzene	12.077	146	34834	17.70	ug/l	95
89) n-Butylbenzene	12.371	91	63224	17.50	ug/l	96
90) Hexachloroethane	12.577	117	12404	17.07	ug/l	92
91) 1,2-Dichlorobenzene	12.371	146	34496	18.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6862	18.65	ug/l	79
93) 1,2,4-Trichlorobenzene	13.624	180	20460	16.92	ug/l	95
94) Hexachlorobutadiene	13.765	225	9243	17.80	ug/l	99
95) Naphthalene	13.818	128	71462	17.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	21759	17.27	ug/l	98

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

