

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021197.D
 Acq On : 15 Mar 2021 14:24
 Operator : JC/MD
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:57 PM

Quant Time: Mar 16 03:00:52 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	5.623	168	83288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	142453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	73013	51.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.82%			
35) Dibromofluoromethane	5.464	113	49820	50.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.66%			
50) Toluene-d8	8.694	98	176590	50.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.32%			
62) 4-Bromofluorobenzene	11.118	95	67289	50.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.30%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	20645	19.31	ug/l	97
3) Chloromethane	1.317	50	19418	17.94	ug/l	99
4) Vinyl Chloride	1.393	62	20218	19.01	ug/l	96
5) Bromomethane	1.622	94	13122	21.41	ug/l	94
6) Chloroethane	1.711	64	12030	19.07	ug/l	99
7) Trichlorofluoromethane	1.917	101	32110	19.41	ug/l	100
8) Diethyl Ether	2.170	74	10943	19.49	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.364	101	17696	19.61	ug/l	96
10) Methyl Iodide	2.493	142	20946	17.31	ug/l	90
11) Tert butyl alcohol	3.011	59	22648	91.55	ug/l	98
12) 1,1-Dichloroethene	2.358	96	16465	18.37	ug/l	92
13) Acrolein	2.275	56	12799	84.19	ug/l	96
14) Allyl chloride	2.705	41	35697	18.24	ug/l #	88
15) Acrylonitrile	3.111	53	53446	97.97	ug/l	97
16) Acetone	2.423	43	49975	87.54	ug/l #	88
17) Carbon Disulfide	2.552	76	49736	18.76	ug/l	99
18) Methyl Acetate	2.746	43	26064	18.85	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	65909	19.33	ug/l	98
20) Methylene Chloride	2.834	84	20326	18.86	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	18572	18.86	ug/l	88
22) Diisopropyl ether	3.823	45	70101	19.60	ug/l #	92
23) Vinyl Acetate	3.782	43	306009	97.84	ug/l #	91
24) 1,1-Dichloroethane	3.670	63	37038	19.21	ug/l	97
25) 2-Butanone	4.629	43	77735	94.65	ug/l	90
26) 2,2-Dichloropropane	4.552	77	31338	17.87	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	21681	19.25	ug/l	89
28) Bromochloromethane	4.976	49	18102	18.81	ug/l #	81
29) Tetrahydrofuran	5.088	42	49679	93.78	ug/l #	86
30) Chloroform	5.176	83	39035	19.44	ug/l	96
31) Cyclohexane	5.547	56	32998	18.37	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	33785	19.00	ug/l	96
36) 1,1-Dichloropropene	5.764	75	28070	18.80	ug/l	97
37) Ethyl Acetate	4.793	43	30414	18.49	ug/l	94
38) Carbon Tetrachloride	5.747	117	30009	18.30	ug/l	98
39) Methylcyclohexane	7.435	83	32053	19.12	ug/l	89
40) Benzene	6.111	78	79138	18.96	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	17518	18.48	ug/l	88
42) 1,2-Dichloroethane	6.158	62	34997	19.71	ug/l	93
43) Isopropyl Acetate	6.405	43	53008	19.22	ug/l #	90
44) Trichloroethene	7.182	130	20857	18.81	ug/l	95
45) 1,2-Dichloropropane	7.488	63	22005	19.51	ug/l	97
46) Dibromomethane	7.635	93	15365	19.55	ug/l	91
47) Bromodichloromethane	7.870	83	31714	19.25	ug/l	97
48) Methyl methacrylate	7.741	41	27550	19.41	ug/l #	82
49) 1,4-Dioxane	7.711	88	9186	383.59	ug/l #	86
51) 4-Methyl-2-Pentanone	8.617	43	155689	98.99	ug/l	88
52) Toluene	8.765	92	48381	19.22	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	31989	18.74	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	34730	19.10	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	19915	19.19	ug/l	98
56) Ethyl methacrylate	9.159	69	31683	19.66	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	35075	19.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	80114	99.07	ug/l	94
59) 2-Hexanone	9.471	43	114133	96.41	ug/l	85
60) Dibromochloromethane	9.565	129	22328	18.83	ug/l	100
61) 1,2-Dibromoethane	9.653	107	20996	19.28	ug/l	99
64) Tetrachloroethene	9.318	164	20447	18.75	ug/l	91
65) Chlorobenzene	10.118	112	50367	19.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	19758	19.19	ug/l	97
67) Ethyl Benzene	10.235	91	94605	19.54	ug/l	98
68) m/p-Xylenes	10.341	106	67971	39.18	ug/l	95
69) o-Xylene	10.682	106	31517	18.71	ug/l	90
70) Styrene	10.694	104	54437	19.06	ug/l	93
71) Bromoform	10.841	173	14689	17.60	ug/l #	97
73) Isopropylbenzene	11.000	105	87567	19.42	ug/l	100
74) N-amyl acetate	10.882	43	42767	19.87	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	28128	20.23	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	28352m	19.69	ug/l	
77) Bromobenzene	11.235	156	21305	19.87	ug/l	95
78) n-propylbenzene	11.341	91	103371	19.92	ug/l	98
79) 2-Chlorotoluene	11.400	91	62197	19.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	72616	19.19	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	9038	17.82	ug/l #	83
82) 4-Chlorotoluene	11.494	91	74103	20.15	ug/l	94
83) tert-Butylbenzene	11.753	119	68157	19.76	ug/l	90
84) 1,2,4-Trimethylbenzene	11.788	105	75916	19.93	ug/l	97
85) sec-Butylbenzene	11.930	105	82710	19.70	ug/l	99
86) p-Isopropyltoluene	12.047	119	75874	19.70	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	37407	19.99	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	38390	19.95	ug/l	97
89) n-Butylbenzene	12.371	91	68854	19.49	ug/l	96
90) Hexachloroethane	12.577	117	13260	18.66	ug/l	92
91) 1,2-Dichlorobenzene	12.371	146	35900	19.43	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6820	18.95	ug/l	77
93) 1,2,4-Trichlorobenzene	13.630	180	22525	19.05	ug/l	97
94) Hexachlorobutadiene	13.765	225	10313	20.31	ug/l	98
95) Naphthalene	13.818	128	74698	18.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	22248	18.01	ug/l	94

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

