

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021149.D
 Acq On : 11 Mar 2021 12:25
 Operator : JC/MD
 Sample : VX0311MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:04:38 PM

Quant Time: Mar 12 02:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	218968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	322928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	141581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	138698	46.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.78%		
35) Dibromofluoromethane	5.464	113	113895	51.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.60%		
50) Toluene-d8	8.694	98	428463	49.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.98%		
62) 4-Bromofluorobenzene	11.118	95	149983	46.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	37353	15.78	ug/l	93
3) Chloromethane	1.311	50	42953	16.33	ug/l	98
4) Vinyl Chloride	1.393	62	51929	17.15	ug/l	100
5) Bromomethane	1.628	94	32346	29.45	ug/l	97
6) Chloroethane	1.711	64	33976	17.93	ug/l	99
7) Trichlorofluoromethane	1.917	101	70924	18.55	ug/l	95
8) Diethyl Ether	2.170	74	32564	18.36	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	42762	18.16	ug/l	98
10) Methyl Iodide	2.493	142	53893	17.03	ug/l	96
11) Tert butyl alcohol	3.005	59	46518	70.63	ug/l	98
12) 1,1-Dichloroethene	2.358	96	41955	17.12	ug/l	99
13) Acrolein	2.270	56	32520	79.74	ug/l	100
14) Allyl chloride	2.705	41	66078	16.50	ug/l	97
15) Acrylonitrile	3.111	53	120734	85.91	ug/l	98
16) Acetone	2.417	43	95738	78.56	ug/l	97
17) Carbon Disulfide	2.552	76	109499	15.68	ug/l	99
18) Methyl Acetate	2.746	43	51001	17.69	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	154975	17.70	ug/l	99
20) Methylene Chloride	2.834	84	50323	17.21	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	46713	16.97	ug/l	96
22) Diisopropyl ether	3.817	45	143873	17.87	ug/l	94
23) Vinyl Acetate	3.781	43	589893	85.66	ug/l	99
24) 1,1-Dichloroethane	3.670	63	86770	18.29	ug/l	98
25) 2-Butanone	4.629	43	150624	81.36	ug/l	100
26) 2,2-Dichloropropane	4.546	77	68778	15.97	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	56136	17.70	ug/l	98
28) Bromochloromethane	4.976	49	37216	18.34	ug/l	98
29) Tetrahydrofuran	5.082	42	97441	82.00	ug/l	98
30) Chloroform	5.176	83	88023	18.42	ug/l	99
31) Cyclohexane	5.546	56	72067	16.83	ug/l	94
32) 1,1,1-Trichloroethane	5.464	97	73685	17.70	ug/l	99
36) 1,1-Dichloropropene	5.764	75	66144	19.04	ug/l	99
37) Ethyl Acetate	4.787	43	61085	18.49	ug/l	99
38) Carbon Tetrachloride	5.752	117	62063	18.44	ug/l	92
39) Methylcyclohexane	7.435	83	79692	18.30	ug/l	99
40) Benzene	6.105	78	198787	19.09	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	34647	18.64	ug/l	99
42) 1,2-Dichloroethane	6.158	62	71008	20.51	ug/l	98
43) Isopropyl Acetate	6.405	43	99215	17.65	ug/l	100
44) Trichloroethene	7.182	130	54744	20.00	ug/l	99
45) 1,2-Dichloropropane	7.488	63	51696	19.81	ug/l	98
46) Dibromomethane	7.635	93	35186	20.03	ug/l	99
47) Bromodichloromethane	7.870	83	71166	19.45	ug/l	99
48) Methyl methacrylate	7.741	41	51238	18.17	ug/l	98
49) 1,4-Dioxane	7.711	88	23103	351.02	ug/l	97
51) 4-Methyl-2-Pentanone	8.617	43	297788	90.99	ug/l	99
52) Toluene	8.764	92	127405	19.65	ug/l	97
53) t-1,3-Dichloropropene	9.017	75	76438	18.63	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	85784	19.08	ug/l	96
55) 1,1,2-Trichloroethane	9.194	97	51779	20.21	ug/l	98
56) Ethyl methacrylate	9.159	69	75654	18.24	ug/l	100
57) 1,3-Dichloropropane	9.353	76	89589	20.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	195391	96.35	ug/l	100
59) 2-Hexanone	9.470	43	217951	88.76	ug/l	99
60) Dibromochloromethane	9.565	129	54579	20.19	ug/l	98
61) 1,2-Dibromoethane	9.653	107	53159	19.79	ug/l	100
64) Tetrachloroethene	9.318	164	52785	22.65	ug/l	91
65) Chlorobenzene	10.118	112	131758	19.38	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	49927	19.90	ug/l	98
67) Ethyl Benzene	10.235	91	229839	18.64	ug/l	99
68) m/p-Xylenes	10.341	106	174072	38.36	ug/l	97
69) o-Xylene	10.682	106	85284	19.26	ug/l	96
70) Styrene	10.694	104	144264	18.99	ug/l	98
71) Bromoform	10.841	173	36648	18.91	ug/l #	98
73) Isopropylbenzene	11.000	105	227013	20.30	ug/l	99
74) N-amyl acetate	10.882	43	80198	17.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	68698	19.06	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	60141m	19.75	ug/l	
77) Bromobenzene	11.235	156	53637	20.61	ug/l	97
78) n-propylbenzene	11.341	91	254019	19.92	ug/l	100
79) 2-Chlorotoluene	11.406	91	149445	19.34	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	186380	20.03	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21982	15.98	ug/l	97
82) 4-Chlorotoluene	11.494	91	170205	19.11	ug/l	99
83) tert-Butylbenzene	11.753	119	171372	18.93	ug/l	95
84) 1,2,4-Trimethylbenzene	11.788	105	186637	19.76	ug/l	98
85) sec-Butylbenzene	11.930	105	214347	20.09	ug/l	100
86) p-Isopropyltoluene	12.047	119	194252	19.87	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	96574	20.73	ug/l	100
88) 1,4-Dichlorobenzene	12.083	146	95619	20.15	ug/l	95
89) n-Butylbenzene	12.371	91	164601	18.86	ug/l	100
90) Hexachloroethane	12.577	117	33226	17.80	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	94419	20.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14440	17.49	ug/l	94
93) 1,2,4-Trichlorobenzene	13.630	180	59743	20.48	ug/l	99
94) Hexachlorobutadiene	13.765	225	21490	18.40	ug/l	93
95) Naphthalene	13.812	128	187810	18.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	55159	19.05	ug/l	95

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

