

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022145.D
 Acq On : 24 May 2021 14:19
 Operator : JC/MD
 Sample : VX0524MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:59:34 PM

Quant Time: May 24 15:52:32 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	85240	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	162802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64793	49.28	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.56%		
35) Dibromofluoromethane	5.397	113	50869	49.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.54%		
50) Toluene-d8	8.653	98	194909	49.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.02%		
62) 4-Bromofluorobenzene	11.085	95	73635	50.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	19040	18.37	ug/l	99
3) Chloromethane	1.294	50	19203	17.18	ug/l	97
4) Vinyl Chloride	1.374	62	21513	18.19	ug/l	98
5) Bromomethane	1.599	94	11736	17.02	ug/l	96
6) Chloroethane	1.685	64	13421	19.06	ug/l	96
7) Trichlorofluoromethane	1.886	101	31689	18.63	ug/l	97
8) Diethyl Ether	2.136	74	13580	18.57	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	17770	17.60	ug/l	92
10) Methyl Iodide	2.453	142	18194	16.76	ug/l	96
11) Tert butyl alcohol	2.977	59	30827	102.50	ug/l	98
12) 1,1-Dichloroethene	2.319	96	17860	18.28	ug/l	97
13) Acrolein	2.239	56	20093	100.74	ug/l	98
14) Allyl chloride	2.666	41	33384	18.61	ug/l	94
15) Acrylonitrile	3.075	53	60455	102.11	ug/l	98
16) Acetone	2.386	43	52979	92.53	ug/l	95
17) Carbon Disulfide	2.508	76	41095	16.06	ug/l	100
18) Methyl Acetate	2.709	43	30776	20.21	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	62795	18.76	ug/l	98
20) Methylene Chloride	2.794	84	21959	17.27	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	19022	17.90	ug/l	99
22) Diisopropyl ether	3.770	45	64287	18.60	ug/l	98
23) Vinyl Acetate	3.733	43	316631	95.16	ug/l	95
24) 1,1-Dichloroethane	3.611	63	37914	18.69	ug/l	98
25) 2-Butanone	4.568	43	91827	99.14	ug/l	97
26) 2,2-Dichloropropane	4.483	77	31986	17.77	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	24029	18.59	ug/l	99
28) Bromochloromethane	4.910	49	18102	18.40	ug/l	85
29) Tetrahydrofuran	5.019	42	53874	97.72	ug/l	92
30) Chloroform	5.099	83	38235	18.25	ug/l	91
31) Cyclohexane	5.470	56	29642	17.94	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	32758	18.29	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27200	18.07	ug/l	100
37) Ethyl Acetate	4.721	43	34711	18.81	ug/l	95
38) Carbon Tetrachloride	5.684	117	27434	18.63	ug/l	98
39) Methylcyclohexane	7.391	83	29962	17.55	ug/l	96
40) Benzene	6.050	78	84399	18.22	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19777	20.03	ug/l	95
42) 1,2-Dichloroethane	6.098	62	31430	19.37	ug/l	97
43) Isopropyl Acetate	6.348	43	59182	19.61	ug/l	94
44) Trichloroethene	7.135	130	21996	19.11	ug/l	89
45) 1,2-Dichloropropane	7.434	63	21643	18.32	ug/l	99
46) Dibromomethane	7.586	93	14876	18.56	ug/l #	86
47) Bromodichloromethane	7.830	83	29718	18.53	ug/l	99
48) Methyl methacrylate	7.696	41	27084	19.47	ug/l	92
49) 1,4-Dioxane	7.665	88	11979	442.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	182298	100.82	ug/l	94
52) Toluene	8.720	92	54258	18.50	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	34514	18.64	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	36870	18.52	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	22654	19.02	ug/l	97
56) Ethyl methacrylate	9.122	69	36437	18.93	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	39463	19.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	96266	92.48	ug/l	98
59) 2-Hexanone	9.433	43	140058	102.99	ug/l	90
60) Dibromochloromethane	9.525	129	21277	18.37	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23572	19.88	ug/l	96
64) Tetrachloroethene	9.275	164	18601	19.17	ug/l #	88
65) Chlorobenzene	10.079	112	57599	18.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20070	18.77	ug/l	96
67) Ethyl Benzene	10.195	91	105385	18.62	ug/l	99
68) m/p-Xylenes	10.305	106	78617	36.75	ug/l	96
69) o-Xylene	10.646	106	38643	18.57	ug/l	99
70) Styrene	10.659	104	64616	18.96	ug/l	99
71) Bromoform	10.805	173	13327	17.22	ug/l #	98
73) Isopropylbenzene	10.963	105	102487	18.05	ug/l	99
74) N-amyl acetate	10.848	43	50510	18.74	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	36510	19.40	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	33254m	20.09	ug/l	
77) Bromobenzene	11.201	156	21773	18.09	ug/l	89
78) n-propylbenzene	11.305	91	121417	18.26	ug/l	99
79) 2-Chlorotoluene	11.366	91	71675	17.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	87385	18.57	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11824	16.93	ug/l	97
82) 4-Chlorotoluene	11.457	91	83740	18.02	ug/l	96
83) tert-Butylbenzene	11.719	119	82553	18.29	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	86933	18.35	ug/l	99
85) sec-Butylbenzene	11.896	105	106176	18.51	ug/l	98
86) p-Isopropyltoluene	12.012	119	88489	18.27	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	42660	18.38	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	42826	17.85	ug/l	95
89) n-Butylbenzene	12.335	91	80969	18.07	ug/l	98
90) Hexachloroethane	12.542	117	13294	16.61	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	41521	18.62	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7544	18.73	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	24619	18.30	ug/l	97
94) Hexachlorobutadiene	13.731	225	9717	18.51	ug/l	98
95) Naphthalene	13.780	128	102130	19.47	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25749	18.99	ug/l	96

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

