

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX02252.D
 Acq On : 28 May 2021 14:33
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01

Manual Integrations
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MMDadoda
 6/2/2021 2:27:38 PM

Quant Time: May 29 03:43:59 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	5.556	168	80860	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	163719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66600	53.39	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 106.78%		
35) Dibromofluoromethane	5.397	113	51165	49.28	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 98.56%		
50) Toluene-d8	8.653	98	197401	49.36	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 98.72%		
62) 4-Bromofluorobenzene	11.085	95	73514	49.73	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 99.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	16964	17.26	ug/l	97
3) Chloromethane	1.294	50	19521	18.41	ug/l	96
4) Vinyl Chloride	1.373	62	21109	18.81	ug/l	97
5) Bromomethane	1.599	94	10776	16.47	ug/l	95
6) Chloroethane	1.684	64	12569	18.81	ug/l	97
7) Trichlorofluoromethane	1.886	101	31340	19.43	ug/l	98
8) Diethyl Ether	2.142	74	13023	18.77	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	18732	19.55	ug/l	91
10) Methyl Iodide	2.452	142	17724	17.22	ug/l	93
11) Tert butyl alcohol	2.977	59	32829	115.07	ug/l	100
12) 1,1-Dichloroethene	2.318	96	18136	19.57	ug/l	96
13) Acrolein	2.239	56	17757	93.85	ug/l	97
14) Allyl chloride	2.666	41	34196	20.09	ug/l	97
15) Acrylonitrile	3.074	53	62908	112.01	ug/l	99
16) Acetone	2.392	43	57342	105.58	ug/l	94
17) Carbon Disulfide	2.513	76	35546	14.64	ug/l	96
18) Methyl Acetate	2.715	43	33556	23.23	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	64903	20.44	ug/l	98
20) Methylene Chloride	2.794	84	22950	19.03	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	20421	20.26	ug/l	98
22) Diisopropyl ether	3.769	45	68110	20.78	ug/l	# 93
23) Vinyl Acetate	3.733	43	323990	102.64	ug/l	95
24) 1,1-Dichloroethane	3.611	63	39152	20.35	ug/l	97
25) 2-Butanone	4.568	43	98640	112.26	ug/l	92
26) 2,2-Dichloropropane	4.483	77	32240	18.88	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	24155	19.70	ug/l	97
28) Bromochloromethane	4.909	49	19121	20.49	ug/l	# 81
29) Tetrahydrofuran	5.019	42	57401	109.76	ug/l	90
30) Chloroform	5.104	83	38877	19.56	ug/l	94
31) Cyclohexane	5.482	56	28516	18.19	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	33389	19.66	ug/l	99
36) 1,1-Dichloropropene	5.696	75	28781	19.01	ug/l	95
37) Ethyl Acetate	4.733	43	37711	20.32	ug/l	94
38) Carbon Tetrachloride	5.690	117	25984	17.55	ug/l	97
39) Methylcyclohexane	7.385	83	29701	17.30	ug/l	93
40) Benzene	6.043	78	88588	19.02	ug/l	98

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41) Methacrylonitrile	4.934	41	20446	20.59	ug/l	93
42) 1,2-Dichloroethane	6.098	62	32039	19.63	ug/l	98
43) Isopropyl Acetate	6.348	43	60801	20.03	ug/l	94
44) Trichloroethene	7.128	130	21282	18.39	ug/l	98
45) 1,2-Dichloropropane	7.433	63	22943	19.31	ug/l	94
46) Dibromomethane	7.586	93	15003	18.61	ug/l #	87
47) Bromodichloromethane	7.823	83	27945	17.32	ug/l	97
48) Methyl methacrylate	7.702	41	27682	19.79	ug/l	91
49) 1,4-Dioxane	7.665	88	11770	432.14	ug/l	94
51) 4-Methyl-2-Pentanone	8.579	43	193420	106.37	ug/l	91
52) Toluene	8.720	92	53818	18.24	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32237	17.31	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	36011	17.99	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	22455	18.75	ug/l	97
56) Ethyl methacrylate	9.122	69	37169	19.20	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	38683	18.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	99318	94.88	ug/l	95
59) 2-Hexanone	9.433	43	145613	106.48	ug/l	90
60) Dibromochloromethane	9.524	129	19351	16.61	ug/l	96
61) 1,2-Dibromoethane	9.616	107	22303	18.71	ug/l	100
64) Tetrachloroethene	9.274	164	18421	18.97	ug/l	91
65) Chlorobenzene	10.085	112	56637	18.40	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19581	18.30	ug/l	95
67) Ethyl Benzene	10.195	91	106416	18.79	ug/l	97
68) m/p-Xylenes	10.305	106	78317	36.59	ug/l	97
69) o-Xylene	10.646	106	39282	18.87	ug/l	99
70) Styrene	10.658	104	65125	19.10	ug/l	99
71) Bromoform	10.805	173	11485	15.02	ug/l #	99
73) Isopropylbenzene	10.963	105	101947	18.87	ug/l	100
74) N-amyl acetate	10.847	43	51526	20.09	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	35837	20.01	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	32416m	20.59	ug/l	
77) Bromobenzene	11.201	156	22319	19.48	ug/l	88
78) n-propylbenzene	11.305	91	121958	19.27	ug/l	97
79) 2-Chlorotoluene	11.366	91	72425	18.87	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	86771	19.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	10783	16.22	ug/l	92
82) 4-Chlorotoluene	11.457	91	83566	18.90	ug/l	97
83) tert-Butylbenzene	11.719	119	80354	18.71	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	88310	19.59	ug/l	98
85) sec-Butylbenzene	11.896	105	103281	18.93	ug/l	100
86) p-Isopropyltoluene	12.012	119	88441	19.19	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	41840	18.94	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	42384	18.57	ug/l	94
89) n-Butylbenzene	12.335	91	83113	19.49	ug/l	98
90) Hexachloroethane	12.542	117	12108	15.90	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	41063	19.36	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7936	20.71	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	25208	19.69	ug/l	98
94) Hexachlorobutadiene	13.725	225	9323	18.66	ug/l	99
95) Naphthalene	13.780	128	118693	23.78	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25349	19.65	ug/l	94

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

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