

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042863.D
 Acq On : 31 Mar 2021 17:26
 Operator : SY/MD
 Sample : VU0331MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 12:46:12 PM

Quant Time: Apr 01 04:44:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	109971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	170009	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	170088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	99636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	84964	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.298	113	58951	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	7.906	98	216852	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	10.639	95	86750	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	23804	18.42	ug/l	96
3) Chloromethane	1.524	50	24345	17.40	ug/l	99
4) Vinyl Chloride	1.607	62	23791	18.69	ug/l	98
5) Bromomethane	1.855	94	17378	17.92	ug/l	97
6) Chloroethane	1.935	64	14835	14.12	ug/l	94
7) Trichlorofluoromethane	2.144	101	40089	18.06	ug/l	100
8) Diethyl Ether	2.382	74	13581	19.63	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	20513	19.28	ug/l	95
10) Methyl Iodide	2.729	142	20609	14.36	ug/l	99
11) Tert butyl alcohol	3.186	59	30963	82.61	ug/l	98
12) 1,1-Dichloroethene	2.588	96	18738	18.79	ug/l	98
13) Acrolein	2.491	56	7786	57.26	ug/l	98
14) Allyl chloride	2.932	41	40854	18.75	ug/l	99
15) Acrylonitrile	3.321	53	82682	96.18	ug/l	99
16) Acetone	2.630	43	79730	79.89	ug/l	97
17) Carbon Disulfide	2.800	76	48298	17.11	ug/l	98
18) Methyl Acetate	2.954	43	44117	21.97	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	74840	19.77	ug/l	99
20) Methylene Chloride	3.054	84	22576	17.89	ug/l	95
21) trans-1,2-Dichloroethene	3.360	96	20076	17.94	ug/l	94
22) Diisopropyl ether	4.003	45	86852	19.80	ug/l	99
23) Vinyl Acetate	3.964	43	389226	95.34	ug/l	100
24) 1,1-Dichloroethane	3.877	63	42299	18.50	ug/l	99
25) 2-Butanone	4.710	43	133061	93.26	ug/l	98
26) 2,2-Dichloropropane	4.675	77	38011	18.82	ug/l	100
27) cis-1,2-Dichloroethene	4.675	96	24821	19.38	ug/l	96
28) Bromochloromethane	4.983	49	22375	19.60	ug/l	100
29) Tetrahydrofuran	5.061	42	83569	94.67	ug/l	99
30) Chloroform	5.099	83	45008	18.62	ug/l	96
31) Cyclohexane	5.395	56	40840	18.71	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	40722	18.98	ug/l	98
36) 1,1-Dichloropropene	5.536	75	31678	18.84	ug/l	99
37) Ethyl Acetate	4.813	43	48943	18.75	ug/l	99
38) Carbon Tetrachloride	5.536	117	34447	17.95	ug/l	99
39) Methylcyclohexane	6.771	83	34839	18.09	ug/l	96
40) Benzene	5.784	78	91811	18.25	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	26791	19.59	ug/l	97
42) 1,2-Dichloroethane	5.803	62	42175	19.55	ug/l	100
43) Isopropyl Acetate	5.919	43	74827	19.04	ug/l	100
44) Trichloroethene	6.549	130	24731	19.12	ug/l	97
45) 1,2-Dichloropropane	6.800	63	25591	19.13	ug/l	99
46) Dibromomethane	6.925	93	18277	19.17	ug/l	98
47) Bromodichloromethane	7.115	83	35429	18.29	ug/l	94
48) Methyl methacrylate	6.967	41	38297	20.19	ug/l	98
49) 1,4-Dioxane	6.974	88	9258	214.60	ug/l #	90
51) 4-Methyl-2-Pentanone	7.797	43	263823	95.94	ug/l	99
52) Toluene	7.977	92	59349	19.30	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	39502	19.28	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	40293	18.79	ug/l	97
55) 1,1,2-Trichloroethane	8.408	97	24849	18.78	ug/l	99
56) Ethyl methacrylate	8.340	69	38507	19.05	ug/l	98
57) 1,3-Dichloropropane	8.584	76	42845	18.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	44965	88.72	ug/l	99
59) 2-Hexanone	8.691	43	209173	95.65	ug/l	100
60) Dibromochloromethane	8.819	129	27147	17.64	ug/l	99
61) 1,2-Dibromoethane	8.932	107	27841	18.50	ug/l	97
64) Tetrachloroethene	8.562	164	24774	18.04	ug/l	98
65) Chlorobenzene	9.453	112	65304	18.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.543	131	24672	17.93	ug/l	98
67) Ethyl Benzene	9.578	91	119650	19.29	ug/l	99
68) m/p-Xylenes	9.700	106	88506	38.72	ug/l	100
69) o-Xylene	10.105	106	42233	19.09	ug/l	98
70) Styrene	10.121	104	73348	19.63	ug/l	99
71) Bromoform	10.298	173	21888	16.77	ug/l #	98
73) Isopropylbenzene	10.491	105	116441	18.46	ug/l	99
74) N-amyl acetate	10.327	43	66417	18.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	44771	17.37	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	43184m	17.04	ug/l	
77) Bromobenzene	10.790	156	31394	18.09	ug/l	98
78) n-propylbenzene	10.912	91	144118	19.41	ug/l	100
79) 2-Chlorotoluene	10.993	91	83033	18.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	104335	19.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	13760	16.09	ug/l	91
82) 4-Chlorotoluene	11.102	91	101754	19.02	ug/l	100
83) tert-Butylbenzene	11.427	119	97869	18.36	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	105936	19.17	ug/l	98
85) sec-Butylbenzene	11.652	105	122999	19.85	ug/l	99
86) p-Isopropyltoluene	11.800	119	113297	19.98	ug/l	98
87) 1,3-Dichlorobenzene	11.752	146	58891	18.89	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	60528	18.90	ug/l	98
89) n-Butylbenzene	12.215	91	108734	20.32	ug/l	100
90) Hexachloroethane	12.485	117	17545	16.39	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	58114	18.30	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.006	75	12511	18.33	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	43155	21.32	ug/l	99
94) Hexachlorobutadiene	14.028	225	22395	18.92	ug/l	99
95) Naphthalene	14.092	128	125567	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	42671	20.83	ug/l	100

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

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