

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034102.D
 Acq On : 30 Aug 2019 16:40
 Operator : JC/SP
 Sample : VU0831MBS01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0831MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 11:24:53 AM

Quant Time: Aug 30 19:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	424595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	667291	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	648672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	341461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	269516	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	4.86	113	226409	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.55	98	899042	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	10.29	95	338647	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	78336	18.345	ug/l 99
3) Chloromethane	1.32	50	95063	15.215	ug/l 99
4) Vinyl Chloride	1.40	62	101865	17.923	ug/l 99
5) Bromomethane	1.62	94	53189	15.425	ug/l 100
6) Chloroethane	1.69	64	61718	17.763	ug/l 100
7) Trichlorofluoromethane	1.88	101	123721	18.787	ug/l 100
8) Diethyl Ether	2.09	74	53792	19.094	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	79866	19.144	ug/l 97
10) Methyl Iodide	2.40	142	44930	7.592	ug/l 99
11) Tert butyl alcohol	2.81	59	111448	88.831	ug/l 100
12) 1,1-Dichloroethene	2.27	96	83758	19.705	ug/l 99
13) Acrolein	2.18	56	37872	71.757	ug/l 96
14) Allyl chloride	2.58	41	134470	16.826	ug/l 91
15) Acrylonitrile	2.92	53	277381	96.348	ug/l 99
16) Acetone	2.31	43	238337	85.857	ug/l 98
17) Carbon Disulfide	2.47	76	232001	17.245	ug/l 100
18) Methyl Acetate	2.60	43	127603	17.788	ug/l 98
19) Methyl tert-butyl Ether	2.98	73	283580	20.362	ug/l 99
20) Methylene Chloride	2.69	84	98609	18.764	ug/l 98
21) trans-1,2-Dichloroethene	2.97	96	89846	19.476	ug/l 96
22) Diisopropyl ether	3.55	45	294428	20.105	ug/l 96
23) Vinyl Acetate	3.50	43	1240837	98.635	ug/l 99
24) 1,1-Dichloroethane	3.43	63	171204	19.802	ug/l 98
25) 2-Butanone	4.24	43	374785	97.041	ug/l 99
26) 2,2-Dichloropropane	4.20	77	133879	19.030	ug/l 99
27) cis-1,2-Dichloroethene	4.20	96	103216	19.934	ug/l 98
28) Bromochloromethane	4.52	49	84405	19.815	ug/l 100
29) Tetrahydrofuran	4.61	42	236032	99.099	ug/l 97
30) Chloroform	4.65	83	167252	19.389	ug/l 98
31) Cyclohexane	4.97	56	147625	18.171	ug/l 94
32) 1,1,1-Trichloroethane	4.89	97	138326	19.579	ug/l 99
36) 1,1-Dichloropropene	5.12	75	122744	19.447	ug/l 99
37) Ethyl Acetate	4.36	43	139820	19.782	ug/l 99
38) Carbon Tetrachloride	5.11	117	116723	19.159	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	124201	16.695	ug/l	98
40) Benzene	5.37	78	376672	19.725	ug/l	100
41) Methacrylonitrile	4.52	41	72086	19.887	ug/l	96
42) 1,2-Dichloroethane	5.38	62	130272	19.755	ug/l	99
43) Isopropyl Acetate	5.53	43	211925	19.709	ug/l	99
44) Trichloroethene	6.17	130	100634	20.068	ug/l	98
45) 1,2-Dichloropropane	6.41	63	105312	20.034	ug/l	99
46) Dibromomethane	6.54	93	68254	20.153	ug/l	99
47) Bromodichloromethane	6.74	83	129102	19.484	ug/l	99
48) Methyl methacrylate	6.60	41	101160	19.496	ug/l	96
49) 1,4-Dioxane	6.59	88	47306	363.867	ug/l	97
51) 4-Methyl-2-Pentanone	7.44	43	723516	97.430	ug/l	99
52) Toluene	7.62	92	243783	20.723	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	143678	19.542	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	160540	19.987	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	102318	20.562	ug/l	98
56) Ethyl methacrylate	8.00	69	146285	18.351	ug/l	99
57) 1,3-Dichloropropane	8.22	76	170017	20.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	288818	104.916	ug/l	98
59) 2-Hexanone	8.34	43	547896	97.734	ug/l	99
60) Dibromochloromethane	8.46	129	103449	19.367	ug/l	98
61) 1,2-Dibromoethane	8.57	107	102002	19.460	ug/l	96
64) Tetrachloroethene	8.21	164	87235	20.025	ug/l	99
65) Chlorobenzene	9.10	112	268640	20.124	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	92586	19.127	ug/l	99
67) Ethyl Benzene	9.23	91	457774	20.230	ug/l	99
68) m/p-Xylenes	9.36	106	352748	40.997	ug/l	99
69) o-Xylene	9.76	106	168586	20.423	ug/l	99
70) Styrene	9.77	104	296296	20.934	ug/l	100
71) Bromoform	9.94	173	76867	18.277	ug/l #	99
73) Isopropylbenzene	10.15	105	442183	19.279	ug/l	100
74) N-amyl acetate	10.00	43	193973	20.108	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.44	83	169475	19.305	ug/l	98
76) 1,2,3-Trichloropropane	10.48	75	143544m	18.652	ug/l	
77) Bromobenzene	10.43	156	122818	19.906	ug/l	99
78) n-propylbenzene	10.57	91	507784	19.010	ug/l	100
79) 2-Chlorotoluene	10.64	91	314460	19.628	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	369883	19.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	52295m	22.881	ug/l	
82) 4-Chlorotoluene	10.76	91	362768	19.688	ug/l	99
83) tert-Butylbenzene	11.08	119	340196	17.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	375781	19.467	ug/l	99
85) sec-Butylbenzene	11.31	105	384577	16.767	ug/l	99
86) p-Isopropyltoluene	11.46	119	354506	17.089	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	217105	19.876	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	219209	19.844	ug/l	100
89) n-Butylbenzene	11.87	91	310751	16.991	ug/l	99
90) Hexachloroethane	12.13	117	50179	13.991	ug/l	95
91) 1,2-Dichlorobenzene	11.86	146	214325	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	35109	20.075	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	139257	19.409	ug/l	97
94) Hexachlorobutadiene	13.67	225	49977	12.210	ug/l	94
95) Naphthalene	13.73	128	540224	26.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	143374	21.391	ug/l #	85

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

