

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034223.D
 Acq On : 03 Sep 2019 13:28
 Operator : JC/SP
 Sample : VU0904MBSD01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 4:57:54 PM

Quant Time: Sep 04 05:30:33 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	383635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	615554	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	590642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	324023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	234103	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	4.86	113	200479	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	7.55	98	769678	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	10.29	95	285128	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	67323	17.449	ug/l 98
3) Chloromethane	1.32	50	88858	15.815	ug/l 100
4) Vinyl Chloride	1.40	62	89919	17.510	ug/l 100
5) Bromomethane	1.62	94	51903	17.186	ug/l 98
6) Chloroethane	1.69	64	55369	17.637	ug/l 100
7) Trichlorofluoromethane	1.88	101	110986	18.653	ug/l 99
8) Diethyl Ether	2.10	74	49002	19.251	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	70847	18.795	ug/l 98
10) Methyl Iodide	2.40	142	55778	10.431	ug/l 98
11) Tert butyl alcohol	2.81	59	91138	80.398	ug/l 100
12) 1,1-Dichloroethene	2.27	96	71990	18.745	ug/l 97
13) Acrolein	2.19	56	21905	45.935	ug/l 94
14) Allyl chloride	2.58	41	132794m	18.390	ug/l
15) Acrylonitrile	2.92	53	250100	96.148	ug/l 98
16) Acetone	2.31	43	205861	82.075	ug/l 97
17) Carbon Disulfide	2.47	76	196004	16.125	ug/l 99
18) Methyl Acetate	2.60	43	120976	18.665	ug/l 100
19) Methyl tert-butyl Ether	2.98	73	246650	19.601	ug/l 100
20) Methylene Chloride	2.69	84	87404	18.407	ug/l 99
21) trans-1,2-Dichloroethene	2.97	96	76598	18.377	ug/l 98
22) Diisopropyl ether	3.55	45	260151	19.661	ug/l 93
23) Vinyl Acetate	3.51	43	1068549	94.009	ug/l 100
24) 1,1-Dichloroethane	3.43	63	151179	19.352	ug/l 99
25) 2-Butanone	4.24	43	316718	90.762	ug/l 98
26) 2,2-Dichloropropane	4.21	77	114552	18.021	ug/l 98
27) cis-1,2-Dichloroethene	4.20	96	88439	18.904	ug/l 98
28) Bromochloromethane	4.53	49	79932	20.768	ug/l 99
29) Tetrahydrofuran	4.62	42	205368	95.431	ug/l 99
30) Chloroform	4.65	83	149172	19.139	ug/l 99
31) Cyclohexane	4.97	56	127355	17.350	ug/l 93
32) 1,1,1-Trichloroethane	4.89	97	121853	19.089	ug/l 99
36) 1,1-Dichloropropene	5.12	75	103444	17.767	ug/l 100
37) Ethyl Acetate	4.36	43	115499	17.715	ug/l 99
38) Carbon Tetrachloride	5.12	117	105304	18.737	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	116755	17.014	ug/l	98
40) Benzene	5.37	78	328889	18.670	ug/l	100
41) Methacrylonitrile	4.52	41	62538	18.703	ug/l	98
42) 1,2-Dichloroethane	5.39	62	113509	18.660	ug/l	98
43) Isopropyl Acetate	5.53	43	180132	18.160	ug/l	100
44) Trichloroethene	6.17	130	87771	18.974	ug/l	99
45) 1,2-Dichloropropane	6.41	63	93483	19.278	ug/l	99
46) Dibromomethane	6.54	93	57382	18.367	ug/l	97
47) Bromodichloromethane	6.74	83	115519	18.899	ug/l	99
48) Methyl methacrylate	6.60	41	83729	17.493	ug/l	98
49) 1,4-Dioxane	6.60	88	33999	283.492	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	613825	89.606	ug/l	100
52) Toluene	7.62	92	206103	18.993	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	118195	17.427	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	134470	18.148	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	85218	18.565	ug/l	98
56) Ethyl methacrylate	8.00	69	120405	16.478	ug/l	99
57) 1,3-Dichloropropane	8.22	76	144667	18.562	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	195327	76.918	ug/l	100
59) 2-Hexanone	8.34	43	460161	88.983	ug/l	98
60) Dibromochloromethane	8.46	129	91898	18.651	ug/l	98
61) 1,2-Dibromoethane	8.57	107	87493	18.095	ug/l	99
64) Tetrachloroethene	8.21	164	77572	19.557	ug/l	98
65) Chlorobenzene	9.10	112	227292	18.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	80365	18.234	ug/l	99
67) Ethyl Benzene	9.23	91	381662	18.524	ug/l	100
68) m/p-Xylenes	9.36	106	294148	37.545	ug/l	100
69) o-Xylene	9.76	106	140539	18.698	ug/l	100
70) Styrene	9.77	104	244985	19.009	ug/l	99
71) Bromoform	9.94	173	67615	17.657	ug/l #	100
73) Isopropylbenzene	10.15	105	379792	17.450	ug/l	100
74) N-amyl acetate	10.00	43	151335	16.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	145362	17.450	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	118955m	16.289	ug/l	
77) Bromobenzene	10.43	156	103018	17.596	ug/l	98
78) n-propylbenzene	10.57	91	448365	17.689	ug/l	99
79) 2-Chlorotoluene	10.64	91	275272	18.106	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	331559	17.974	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	38372m	17.693	ug/l	
82) 4-Chlorotoluene	10.75	91	315984	18.072	ug/l	100
83) tert-Butylbenzene	11.08	119	312067	17.185	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	327921	17.902	ug/l	99
85) sec-Butylbenzene	11.30	105	384278	17.656	ug/l	100
86) p-Isopropyltoluene	11.46	119	347136	17.635	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	187398	18.080	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	189802	18.107	ug/l	99
89) n-Butylbenzene	11.87	91	296568	17.088	ug/l	100
90) Hexachloroethane	12.12	117	50951	14.971	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	182500	18.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28081	16.921	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	110397	16.398	ug/l	99
94) Hexachlorobutadiene	13.67	225	60407	15.552	ug/l	97
95) Naphthalene	13.73	128	299113	16.050	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	114184	17.953	ug/l	98

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

