

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029176.D
 Acq On : 15 Jan 2019 11:29
 Operator : JC/SP
 Sample : VU0115MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:41:59 AM

Quant Time: Jan 16 05:43:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	119990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	196505	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	79498	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	4.88	113	67827	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	7.56	98	261456	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	10.30	95	90554	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	22886	19.233	ug/l	99
3) Chloromethane	1.33	50	34186	17.546	ug/l	97
4) Vinyl Chloride	1.40	62	33750	19.246	ug/l	100
5) Bromomethane	1.62	94	20115	20.520	ug/l	99
6) Chloroethane	1.69	64	20649	19.769	ug/l	99
7) Trichlorofluoromethane	1.88	101	38252	20.019	ug/l	97
8) Diethyl Ether	2.10	74	17891	19.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23270	18.201	ug/l	99
10) Methyl Iodide	2.41	142	24597	20.461	ug/l	97
11) Tert butyl alcohol	2.83	59	39810	105.587	ug/l	100
12) 1,1-Dichloroethene	2.28	96	22884	18.389	ug/l	99
13) Acrolein	2.19	56	28269	99.850	ug/l	97
14) Allyl chloride	2.59	41	42315	18.532	ug/l	91
15) Acrylonitrile	2.93	53	98548	106.539	ug/l	99
16) Acetone	2.32	43	90247	96.580	ug/l	97
17) Carbon Disulfide	2.48	76	73741	17.532	ug/l	98
18) Methyl Acetate	2.61	43	48947	22.528	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	90095	20.592	ug/l	98
20) Methylene Chloride	2.70	84	30795	19.411	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	27664	19.133	ug/l	98
22) Diisopropyl ether	3.57	45	94686	20.982	ug/l	97
23) Vinyl Acetate	3.52	43	379739	102.931	ug/l	100
24) 1,1-Dichloroethane	3.45	63	54859	21.058	ug/l	98
25) 2-Butanone	4.26	43	135142	107.079	ug/l	100
26) 2,2-Dichloropropane	4.22	77	43893	20.852	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	32112	20.307	ug/l	98
28) Bromochloromethane	4.55	49	24659	22.106	ug/l	97
29) Tetrahydrofuran	4.63	42	84509	110.401	ug/l	99
30) Chloroform	4.67	83	51832	20.889	ug/l	99
31) Cyclohexane	4.99	56	49096	19.274	ug/l	92
32) 1,1,1-Trichloroethane	4.91	97	42675	20.814	ug/l	100
36) 1,1-Dichloropropene	5.13	75	37470	19.077	ug/l	99
37) Ethyl Acetate	4.38	43	44595	20.684	ug/l	98
38) Carbon Tetrachloride	5.13	117	33963	20.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	45502	18.844	ug/l	98
40) Benzene	5.39	78	123859	20.216	ug/l	98
41) Methacrylonitrile	4.54	41	24719	21.419	ug/l	99
42) 1,2-Dichloroethane	5.40	62	39442	21.424	ug/l	99
43) Isopropyl Acetate	5.55	43	71540	21.631	ug/l	99
44) Trichloroethene	6.18	130	29757	19.602	ug/l	98
45) 1,2-Dichloropropane	6.43	63	33771	20.873	ug/l	98
46) Dibromomethane	6.56	93	21290	20.584	ug/l	99
47) Bromodichloromethane	6.76	83	40464	21.249	ug/l	98
48) Methyl methacrylate	6.62	41	34871	21.654	ug/l	98
49) 1,4-Dioxane	6.61	88	16498	432.295	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	242809	107.878	ug/l	99
52) Toluene	7.64	92	76614	20.541	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	45669	19.964	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	50700	20.511	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	32459	21.723	ug/l	94
56) Ethyl methacrylate	8.02	69	46664	20.271	ug/l	99
57) 1,3-Dichloropropane	8.24	76	53201	20.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.12	63	92100	90.974	ug/l	99
59) 2-Hexanone	8.36	43	188187	106.514	ug/l	99
60) Dibromochloromethane	8.48	129	30173	20.383	ug/l	98
61) 1,2-Dibromoethane	8.58	107	32754	20.212	ug/l	98
64) Tetrachloroethene	8.22	164	26957	20.601	ug/l	99
65) Chlorobenzene	9.12	112	81279	19.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	27756	21.005	ug/l	99
67) Ethyl Benzene	9.25	91	136919	20.141	ug/l	98
68) m/p-Xylenes	9.37	106	106402	40.282	ug/l	98
69) o-Xylene	9.78	106	51774	20.343	ug/l	98
70) Styrene	9.79	104	83447	20.000	ug/l	99
71) Bromoform	9.95	173	23937	20.344	ug/l #	99
73) Isopropylbenzene	10.16	105	135762	20.871	ug/l	100
74) N-amyl acetate	10.01	43	59253	21.139	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	54153	20.772	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	46110m	21.414	ug/l	
77) Bromobenzene	10.45	156	35100	20.706	ug/l	99
78) n-propylbenzene	10.58	91	160110	20.886	ug/l	99
79) 2-Chlorotoluene	10.66	91	94856	20.398	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	112545	20.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	14080m	16.864	ug/l	
82) 4-Chlorotoluene	10.77	91	106972	20.061	ug/l	100
83) tert-Butylbenzene	11.10	119	110488	20.637	ug/l	99
84) 1,2,4-Trimethylbenzene	11.14	105	113287	20.889	ug/l	100
85) sec-Butylbenzene	11.32	105	138857	21.445	ug/l	100
86) p-Isopropyltoluene	11.47	119	115179	20.875	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	61214	19.687	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	62073	19.340	ug/l	99
89) n-Butylbenzene	11.89	91	104095	21.138	ug/l	99
90) Hexachloroethane	12.14	117	18416	19.840	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	62285	19.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10916	21.770	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	38960	19.488	ug/l	98
94) Hexachlorobutadiene	13.69	225	19450	21.270	ug/l	98
95) Naphthalene	13.74	128	127841	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	40905	20.343	ug/l	99

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

