

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025033.D
 Acq On : 28 Jun 2018 20:20
 Operator : MD/SY
 Sample : J3663-04MSD
 Misc : 6.51g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB472-13-15-180618MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:41 PM

Quant Time: Jun 29 07:38:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	210890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	330266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	324102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143162	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	4.89	113	117623	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
50) Toluene-d8	7.57	98	400490	40.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.12%	
62) 4-Bromofluorobenzene	10.32	95	182222	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103747	39.30	ug/l	99
3) Chloromethane	1.32	50	115580	42.86	ug/l	100
4) Vinyl Chloride	1.40	62	126477	45.48	ug/l	100
5) Bromomethane	1.60	94	39569	29.43	ug/l	100
6) Chloroethane	1.66	64	45179	28.62	ug/l	100
7) Trichlorofluoromethane	1.82	101	166436	39.21	ug/l	97
8) Diethyl Ether	2.10	74	79608	55.31	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.25	101	117155	44.49	ug/l	97
10) Methyl Iodide	2.38	142	119045	53.06	ug/l	100
11) Tert butyl alcohol	2.83	59	15285	18.25	ug/l #	72
12) 1,1-Dichloroethene	2.25	96	113474	47.26	ug/l	96
13) Acrolein	2.20	56	36910	83.94	ug/l	96
14) Allyl chloride	2.57	41	204279	45.82	ug/l	89
15) Acrylonitrile	2.95	53	427408	262.36	ug/l	99
16) Acetone	2.35	43	416738	225.28	ug/l	100
17) Carbon Disulfide	2.44	76	323446	42.07	ug/l	99
18) Methyl Acetate	2.62	43	252629	63.70	ug/l	100
19) Methyl tert-butyl Ether	3.01	73	455644	50.48	ug/l	98
20) Methylene Chloride	2.69	84	136180	46.92	ug/l	96
21) trans-1,2-Dichloroethene	2.96	96	127856	48.34	ug/l	95
22) Diisopropyl ether	3.58	45	430389	48.70	ug/l	94
23) Vinyl Acetate	3.53	43	1836762	231.99	ug/l	98
24) 1,1-Dichloroethane	3.44	63	245357	48.26	ug/l	99
25) 2-Butanone	4.28	43	598010	240.67	ug/l	96
26) 2,2-Dichloropropane	4.22	77	193597	40.10	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	156325	51.41	ug/l	96
28) Bromochloromethane	4.55	49	88714	39.61	ug/l	83
29) Tetrahydrofuran	4.65	42	386580	251.24	ug/l	96
30) Chloroform	4.68	83	258565	50.24	ug/l	99
31) Cyclohexane	4.99	56	218872	48.41	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	234647	49.31	ug/l	96
36) 1,1-Dichloropropene	5.13	75	183749	47.35	ug/l	97
37) Ethyl Acetate	4.39	43	235401	55.65	ug/l	98
38) Carbon Tetrachloride	5.13	117	205205	48.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	222021	45.84	ug/l	95
40) Benzene	5.39	78	546388	49.41	ug/l	99
41) Methacrylonitrile	4.55	41	117140	51.36	ug/l	95
42) 1,2-Dichloroethane	5.41	62	221080	52.49	ug/l	100
43) Isopropyl Acetate	5.56	43	353962	48.41	ug/l	98
44) Trichloroethene	6.18	130	152253	48.38	ug/l	94
45) 1,2-Dichloropropane	6.44	63	145953	49.46	ug/l	97
46) Dibromomethane	6.56	93	105078	50.70	ug/l	93
47) Bromodichloromethane	6.76	83	199211	48.27	ug/l	99
48) Methyl methacrylate	6.63	41	185251	52.03	ug/l	99
49) 1,4-Dioxane	6.64	88	83797	1203.53	ug/l	95
51) 4-Methyl-2-Pentanone	7.48	43	1212505	263.96	ug/l	98
52) Toluene	7.64	92	359593	50.54	ug/l	100
53) t-1,3-Dichloropropene	7.89	75	225446	48.64	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	234587	47.50	ug/l	98
55) 1,1,2-Trichloroethane	8.08	97	153939	53.23	ug/l	99
56) Ethyl methacrylate	8.03	69	249012	51.44	ug/l	98
57) 1,3-Dichloropropane	8.25	76	255939	52.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.14	63	1053	0.57	ug/l #	50
59) 2-Hexanone	8.38	43	977871	260.76	ug/l	98
60) Dibromochloromethane	8.49	129	177850	49.32	ug/l	98
61) 1,2-Dibromoethane	8.59	107	168095	52.22	ug/l	99
64) Tetrachloroethene	8.23	164	146445	47.54	ug/l	98
65) Chlorobenzene	9.13	112	483283	58.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.22	131	160180	50.92	ug/l	98
67) Ethyl Benzene	9.26	91	723373	49.84	ug/l	98
68) m/p-Xylenes	9.38	106	560831	100.62	ug/l	98
69) o-Xylene	9.79	106	280607	50.87	ug/l	97
70) Styrene	9.80	104	463370	51.12	ug/l	99
71) Bromoform	9.97	173	147674	49.39	ug/l #	99
73) Isopropylbenzene	10.17	105	763575	48.96	ug/l	99
74) N-amyl acetate	10.02	43	352618	47.53	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.47	83	267125	51.11	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	239328m	53.51	ug/l	
77) Bromobenzene	10.46	156	203938	51.65	ug/l	95
78) n-propylbenzene	10.59	91	875035	47.63	ug/l	98
79) 2-Chlorotoluene	10.67	91	534773	49.36	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	662448	49.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	88969m	46.04	ug/l	
82) 4-Chlorotoluene	10.78	91	619954	49.16	ug/l	99
83) tert-Butylbenzene	11.11	119	662518	50.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.16	105	691599	50.20	ug/l	100
85) sec-Butylbenzene	11.33	105	795471	48.87	ug/l	97
86) p-Isopropyltoluene	11.48	119	707514	48.53	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	392713	53.84	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	424541	57.82	ug/l	99
89) n-Butylbenzene	11.90	91	574714	44.41	ug/l	96
90) Hexachloroethane	12.15	117	130564	45.91	ug/l	97
91) 1,2-Dichlorobenzene	11.89	146	749547	102.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	67301	46.67	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	230922	51.18	ug/l	99
94) Hexachlorobutadiene	13.70	225	122646	48.29	ug/l	99
95) Naphthalene	13.74	128	779993	52.19	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	237250	52.77	ug/l	99

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

