

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025032.D
 Acq On : 28 Jun 2018 19:56
 Operator : MD/SY
 Sample : J3663-03MS
 Misc : 6.20µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:45 PM

Quant Time: Jun 29 07:36:46 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	190058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	291254	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	293660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	188630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	132823	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	4.89	113	108009	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
50) Toluene-d8	7.57	98	371240	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
62) 4-Bromofluorobenzene	10.31	95	170716	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91735	38.56	ug/l	98
3) Chloromethane	1.32	50	101231	41.65	ug/l	98
4) Vinyl Chloride	1.40	62	113441	45.26	ug/l	99
5) Bromomethane	1.60	94	33637	27.76	ug/l	98
6) Chloroethane	1.66	64	41119	28.91	ug/l	99
7) Trichlorofluoromethane	1.82	101	163996	42.87	ug/l	99
8) Diethyl Ether	2.10	74	70887	54.63	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.25	101	103447	43.59	ug/l	96
10) Methyl Iodide	2.38	142	107394	53.11	ug/l	97
11) Tert butyl alcohol	2.83	59	15051	19.95	ug/l #	72
12) 1,1-Dichloroethene	2.25	96	98378	45.46	ug/l	95
13) Acrolein	2.20	56	39154	98.81	ug/l	96
14) Allyl chloride	2.57	41	185149	46.08	ug/l	88
15) Acrylonitrile	2.95	53	383024	260.88	ug/l	99
16) Acetone	2.35	43	370208	222.07	ug/l	97
17) Carbon Disulfide	2.45	76	290953	41.99	ug/l	99
18) Methyl Acetate	2.62	43	227514	63.66	ug/l	98
19) Methyl tert-butyl Ether	3.01	73	412085	50.66	ug/l	97
20) Methylene Chloride	2.69	84	123594	47.25	ug/l	95
21) trans-1,2-Dichloroethene	2.97	96	115483	48.45	ug/l	96
22) Diisopropyl ether	3.58	45	391509	49.15	ug/l	95
23) Vinyl Acetate	3.53	43	1659636	232.59	ug/l	98
24) 1,1-Dichloroethane	3.44	63	223281	48.73	ug/l	99
25) 2-Butanone	4.28	43	550427	245.80	ug/l	98
26) 2,2-Dichloropropane	4.22	77	176174	40.49	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	136457	49.80	ug/l	98
28) Bromochloromethane	4.55	49	84423	41.83	ug/l	84
29) Tetrahydrofuran	4.65	42	349932	252.35	ug/l	96
30) Chloroform	4.68	83	235261	50.72	ug/l	98
31) Cyclohexane	4.99	56	199762	49.05	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	212842	49.63	ug/l	95
36) 1,1-Dichloropropene	5.13	75	169488	49.52	ug/l	98
37) Ethyl Acetate	4.39	43	211930	56.81	ug/l	99
38) Carbon Tetrachloride	5.13	117	187796	49.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	204380	47.85	ug/l	95
40) Benzene	5.39	78	495535	50.81	ug/l	100
41) Methacrylonitrile	4.55	41	103592	51.51	ug/l	93
42) 1,2-Dichloroethane	5.41	62	202393	54.49	ug/l	99
43) Isopropyl Acetate	5.56	43	321076	49.80	ug/l	98
44) Trichloroethene	6.19	130	137451	49.52	ug/l	95
45) 1,2-Dichloropropane	6.44	63	132487	50.92	ug/l	100
46) Dibromomethane	6.56	93	94943	51.95	ug/l	93
47) Bromodichloromethane	6.76	83	182723	50.20	ug/l	97
48) Methyl methacrylate	6.63	41	167809	53.45	ug/l	98
49) 1,4-Dioxane	6.64	88	72552	1181.60	ug/l #	89
51) 4-Methyl-2-Pentanone	7.48	43	1112042	274.52	ug/l	97
52) Toluene	7.64	92	325655	51.90	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	206174	50.44	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	207628	47.67	ug/l	99
55) 1,1,2-Trichloroethane	8.08	97	140598	55.13	ug/l	97
56) Ethyl methacrylate	8.03	69	226990	53.18	ug/l	99
57) 1,3-Dichloropropane	8.25	76	230298	53.53	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.14	63	654	0.40	ug/l #	50
59) 2-Hexanone	8.38	43	913276	276.15	ug/l	99
60) Dibromochloromethane	8.49	129	159634	50.19	ug/l	100
61) 1,2-Dibromoethane	8.59	107	151872	53.50	ug/l	99
64) Tetrachloroethene	8.23	164	131157	46.99	ug/l	98
65) Chlorobenzene	9.13	112	414233	55.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.22	131	145939	51.20	ug/l	98
67) Ethyl Benzene	9.26	91	664057	50.49	ug/l	99
68) m/p-Xylenes	9.38	106	519533	102.87	ug/l	96
69) o-Xylene	9.79	106	258293	51.68	ug/l	97
70) Styrene	9.80	104	425772	51.84	ug/l	99
71) Bromoform	9.97	173	137604	50.79	ug/l #	98
73) Isopropylbenzene	10.17	105	706685	48.80	ug/l	100
74) N-amyl acetate	10.02	43	325614	47.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	250714	51.66	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	222586m	53.60	ug/l	
77) Bromobenzene	10.46	156	186529	50.88	ug/l	95
78) n-propylbenzene	10.59	91	813731	47.70	ug/l	97
79) 2-Chlorotoluene	10.67	91	492846	48.99	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	610703	48.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	80635m	44.94	ug/l	
82) 4-Chlorotoluene	10.78	91	571419	48.80	ug/l	99
83) tert-Butylbenzene	11.11	119	620745	51.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	641226	50.13	ug/l	99
85) sec-Butylbenzene	11.33	105	745005	49.29	ug/l	98
86) p-Isopropyltoluene	11.48	119	657272	48.56	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	355953	52.55	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	370653	54.37	ug/l	99
89) n-Butylbenzene	11.90	91	539652	44.90	ug/l	97
90) Hexachloroethane	12.15	117	122045	46.22	ug/l	95
91) 1,2-Dichlorobenzene	11.89	146	544375	80.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62449	46.64	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	213887	51.05	ug/l	98
94) Hexachlorobutadiene	13.70	225	117248	49.72	ug/l	100
95) Naphthalene	13.75	128	697649	50.30	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	220521	52.82	ug/l	98

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

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