

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025057.D
 Acq On : 29 Jun 2018 06:49
 Operator : MD/SY
 Sample : J3707-20MS
 Misc : 6.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MS

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:48 PM

Quant Time: Jun 29 09:02:35 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	4.99	168	201037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	309483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	192859	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153707	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	4.89	113	125357	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	7.57	98	426590	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	10.32	95	192498	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	96820	38.48	ug/l	99
3) Chloromethane	1.32	50	100571	39.12	ug/l	99
4) Vinyl Chloride	1.40	62	115915	43.72	ug/l	100
5) Bromomethane	1.60	94	29781	23.24	ug/l	98
6) Chloroethane	1.66	64	43202	28.71	ug/l	97
7) Trichlorofluoromethane	1.82	101	151077	37.34	ug/l	98
8) Diethyl Ether	2.10	74	70819	51.49	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.25	101	100297	39.96	ug/l	96
10) Methyl Iodide	2.38	142	97025	46.13	ug/l	98
11) Tert butyl alcohol	2.83	59	7327	9.18	ug/l #	72
12) 1,1-Dichloroethene	2.25	96	95894	41.89	ug/l	91
13) Acrolein	2.20	56	35017	83.54	ug/l	99
14) Allyl chloride	2.57	41	179868	42.32	ug/l	87
15) Acrylonitrile	2.95	53	374287	241.01	ug/l	99
16) Acetone	2.35	43	340428	193.05	ug/l	99
17) Carbon Disulfide	2.45	76	250219	34.14	ug/l	98
18) Methyl Acetate	2.62	43	227880	60.28	ug/l	98
19) Methyl tert-butyl Ether	3.01	73	420535	48.87	ug/l	95
20) Methylene Chloride	2.69	84	123085	44.48	ug/l	94
21) trans-1,2-Dichloroethene	2.97	96	112842	44.76	ug/l	96
22) Diisopropyl ether	3.58	45	397507	47.18	ug/l	95
23) Vinyl Acetate	3.53	43	1582108	209.62	ug/l	98
24) 1,1-Dichloroethane	3.44	63	225858	46.60	ug/l	99
25) 2-Butanone	4.28	43	502079	211.97	ug/l	96
26) 2,2-Dichloropropane	4.22	77	131271	28.52	ug/l	88
27) cis-1,2-Dichloroethene	4.22	96	295870	102.08	ug/l	92
28) Bromochloromethane	4.55	49	89015	41.69	ug/l	85
29) Tetrahydrofuran	4.65	42	334670	228.16	ug/l	96
30) Chloroform	4.68	83	237362	48.38	ug/l	99
31) Cyclohexane	4.99	56	189801	43.85	ug/l	95
32) 1,1,1-Trichloroethane	4.91	97	210999	46.51	ug/l	96
36) 1,1-Dichloropropene	5.13	75	161216	43.88	ug/l	97
37) Ethyl Acetate	4.39	43	205759	51.38	ug/l	98
38) Carbon Tetrachloride	5.13	117	182659	45.21	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	190597	41.57	ug/l	96
40) Benzene	5.39	78	482703	46.11	ug/l	100
41) Methacrylonitrile	4.55	41	104326	48.32	ug/l	96
42) 1,2-Dichloroethane	5.41	62	198234	49.72	ug/l	99
43) Isopropyl Acetate	5.56	43	320406	46.29	ug/l	98
44) Trichloroethene	6.19	130	137853	46.27	ug/l	95
45) 1,2-Dichloropropane	6.44	63	134439	48.13	ug/l	99
46) Dibromomethane	6.56	93	94791	48.31	ug/l	95
47) Bromodichloromethane	6.76	83	181220	46.38	ug/l	99
48) Methyl methacrylate	6.63	41	161113	47.80	ug/l	99
49) 1,4-Dioxane	6.65	88	73009	1107.60	ug/l	96
51) 4-Methyl-2-Pentanone	7.48	43	1070578	246.18	ug/l	97
52) Toluene	7.64	92	316959	47.06	ug/l	100
53) t-1,3-Dichloropropene	7.89	75	193996	44.21	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	199834	42.74	ug/l	98
55) 1,1,2-Trichloroethane	8.08	97	140099	51.17	ug/l	97
56) Ethyl methacrylate	8.03	69	231212	50.45	ug/l	99
57) 1,3-Dichloropropane	8.25	76	230461	49.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.14	63	76737	43.71	ug/l	95
59) 2-Hexanone	8.38	43	861358	242.61	ug/l	98
60) Dibromochloromethane	8.49	129	157057	46.00	ug/l	100
61) 1,2-Dibromoethane	8.59	107	148319	48.67	ug/l	99
64) Tetrachloroethene	8.23	164	141159	47.98	ug/l	97
65) Chlorobenzene	9.13	112	386795	48.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.22	131	144635	48.15	ug/l	98
67) Ethyl Benzene	9.26	91	642198	46.33	ug/l	96
68) m/p-Xylenes	9.38	106	500653	94.07	ug/l	97
69) o-Xylene	9.79	106	250146	47.49	ug/l	97
70) Styrene	9.80	104	421967	48.75	ug/l	99
71) Bromoform	9.97	173	131351	46.01	ug/l #	98
73) Isopropylbenzene	10.17	105	689370	46.56	ug/l	99
74) N-amyl acetate	10.02	43	307548	43.67	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.47	83	241644	48.70	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	211003m	49.69	ug/l	
77) Bromobenzene	10.46	156	183677	49.00	ug/l	95
78) n-propylbenzene	10.59	91	775717	44.47	ug/l	97
79) 2-Chlorotoluene	10.67	91	484497	47.10	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	589709	45.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.52	75	85880m	46.81	ug/l	
82) 4-Chlorotoluene	10.78	91	558411	46.64	ug/l	100
83) tert-Butylbenzene	11.11	119	596736	48.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	597354	45.67	ug/l	99
85) sec-Butylbenzene	11.33	105	710626	45.99	ug/l	98
86) p-Isopropyltoluene	11.48	119	612499	44.26	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	331099	47.81	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	332944	47.76	ug/l	98
89) n-Butylbenzene	11.90	91	482685	39.28	ug/l	96
90) Hexachloroethane	12.15	117	111717	41.38	ug/l	97
91) 1,2-Dichlorobenzene	11.89	146	342635	49.39	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57470	41.98	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	199295	46.53	ug/l	99
94) Hexachlorobutadiene	13.70	225	108464	44.99	ug/l	99
95) Naphthalene	13.75	128	648286	45.77	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	208234	48.79	ug/l	99

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

