

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024983.D
 Acq On : 27 Jun 2018 22:31
 Operator : MD/SY
 Sample : VU0627MBS04
 Misc : 5.00µg/10mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:03 PM

Quant Time: Jun 28 05:12:13 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	176478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275180	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	146076	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.40%		
35) Dibromofluoromethane	4.89	113	113007	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.96%		
50) Toluene-d8	7.57	98	386342	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.76%		
62) 4-Bromofluorobenzene	10.31	95	153020	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35725	16.17	ug/l	100
3) Chloromethane	1.33	50	38979	17.27	ug/l	97
4) Vinyl Chloride	1.40	62	41279	17.74	ug/l	93
5) Bromomethane	1.62	94	28167	25.04	ug/l	99
6) Chloroethane	1.70	64	27180	20.27	ug/l	99
7) Trichlorofluoromethane	1.89	101	69665	19.61	ug/l	96
8) Diethyl Ether	2.10	74	25865	20.28	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39204	17.79	ug/l	98
10) Methyl Iodide	2.41	142	42130	25.49	ug/l	98
11) Tert butyl alcohol	2.82	59	63628	90.81	ug/l	97
12) 1,1-Dichloroethene	2.28	96	38612	19.22	ug/l	91
13) Acrolein	2.19	56	25252	68.63	ug/l	97
14) Allyl chloride	2.60	41	63534	17.03	ug/l	98
15) Acrylonitrile	2.93	53	128542	94.29	ug/l	99
16) Acetone	2.32	43	125827	81.28	ug/l	98
17) Carbon Disulfide	2.48	76	106229	16.51	ug/l	98
18) Methyl Acetate	2.62	43	76184	22.96	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	151819	20.10	ug/l	97
20) Methylene Chloride	2.70	84	47809	19.68	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	40866	18.46	ug/l	97
22) Diisopropyl ether	3.57	45	142059	19.21	ug/l	93
23) Vinyl Acetate	3.53	43	586613	88.54	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82522	19.39	ug/l	99
25) 2-Butanone	4.26	43	189031	90.91	ug/l	96
26) 2,2-Dichloropropane	4.23	77	66924	16.56	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	48766	19.17	ug/l	99
28) Bromochloromethane	4.55	49	38729	20.67	ug/l	83
29) Tetrahydrofuran	4.64	42	119494	92.80	ug/l	96
30) Chloroform	4.68	83	86202	20.02	ug/l	97
31) Cyclohexane	5.00	56	74922	18.59	ug/l	90
32) 1,1,1-Trichloroethane	4.92	97	79707	20.01	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60319	18.65	ug/l	97
37) Ethyl Acetate	4.38	43	70112	19.89	ug/l	97
38) Carbon Tetrachloride	5.14	117	68187	19.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73659	18.25	µg/l	96
40) Benzene	5.39	78	180284	19.57	µg/l	98
41) Methacrylonitrile	4.54	41	37931	19.96	µg/l	97
42) 1,2-Dichloroethane	5.41	62	74269	21.16	µg/l	100
43) Isopropyl Acetate	5.55	43	109591	17.99	µg/l	98
44) Trichloroethene	6.19	130	47960	18.29	µg/l	96
45) 1,2-Dichloropropane	6.44	63	46160	18.78	µg/l	97
46) Dibromomethane	6.56	93	35536	20.58	µg/l	97
47) Bromodichloromethane	6.76	83	64835	18.85	µg/l	98
48) Methyl methacrylate	6.63	41	58849	19.84	µg/l	97
49) 1,4-Dioxane	6.62	88	25373	437.37	µg/l	96
51) 4-Methyl-2-Pentanone	7.46	43	362970	94.84	µg/l	99
52) Toluene	7.64	92	114293	19.28	µg/l	97
53) t-1,3-Dichloropropene	7.88	75	67891	17.58	µg/l	100
54) cis-1,3-Dichloropropene	7.27	75	72060	17.51	µg/l	98
55) 1,1,2-Trichloroethane	8.07	97	46963	19.49	µg/l	98
56) Ethyl methacrylate	8.02	69	73632	18.26	µg/l	99
57) 1,3-Dichloropropane	8.25	76	79442	19.54	µg/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	42548	27.54	µg/l	93
59) 2-Hexanone	8.36	43	282703	90.48	µg/l	100
60) Dibromochloromethane	8.48	129	51407	17.11	µg/l	99
61) 1,2-Dibromoethane	8.59	107	52480	19.57	µg/l	97
64) Tetrachloroethene	8.23	164	48677	19.89	µg/l	94
65) Chlorobenzene	9.12	112	127484	19.39	µg/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	48364	19.36	µg/l	97
67) Ethyl Benzene	9.25	91	222355	19.29	µg/l	98
68) m/p-Xylenes	9.38	106	172884	39.05	µg/l	97
69) o-Xylene	9.78	106	84804	19.36	µg/l	99
70) Styrene	9.80	104	134474	18.68	µg/l	98
71) Bromoform	9.96	173	39248	16.53	µg/l #	99
73) Isopropylbenzene	10.17	105	233376	20.54	µg/l	99
74) N-amyl acetate	10.01	43	96108	17.79	µg/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	75668	19.88	µg/l	98
76) 1,2,3-Trichloropropane	10.50	75	69915m	21.46	µg/l	
77) Bromobenzene	10.45	156	57802	20.10	µg/l	95
78) n-propylbenzene	10.59	91	251557	18.80	µg/l	96
79) 2-Chlorotoluene	10.66	91	156466	19.83	µg/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	195769	19.88	µg/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	22596m	16.05	µg/l	
82) 4-Chlorotoluene	10.78	91	175403	19.10	µg/l	99
83) tert-Butylbenzene	11.10	119	194847	20.57	µg/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	195269	19.46	µg/l	100
85) sec-Butylbenzene	11.33	105	231190	19.50	µg/l	100
86) p-Isopropyltoluene	11.48	119	199774	18.81	µg/l	99
87) 1,3-Dichlorobenzene	11.42	146	102957	19.38	µg/l	99
88) 1,4-Dichlorobenzene	11.51	146	102723	19.21	µg/l	99
89) n-Butylbenzene	11.89	91	153420	16.27	µg/l	97
90) Hexachloroethane	12.15	117	35947	17.35	µg/l	98
91) 1,2-Dichlorobenzene	11.88	146	107665	20.23	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20132	19.17	µg/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	62616	19.05	ug/l	98
94) Hexachlorobutadiene	13.70	225	34804	18.82	ug/l	99
95) Naphthalene	13.74	128	216883	20.34	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	69067	21.09	ug/l	99

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

