

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025083.D
 Acq On : 30 Jun 2018 13:08
 Operator : MD/SY
 Sample : VU0630MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630MBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:16:58 PM

Quant Time: Jul 02 06:37:49 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	179841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267435	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	130806	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	4.89	113	106573	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	7.57	98	351470	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
62) 4-Bromofluorobenzene	10.31	95	145680	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38209	16.97	ug/l	97
3) Chloromethane	1.33	50	41813	18.18	ug/l	99
4) Vinyl Chloride	1.40	62	44533	18.78	ug/l	98
5) Bromomethane	1.62	94	30670	26.75	ug/l	99
6) Chloroethane	1.70	64	29756	21.86	ug/l	99
7) Trichlorofluoromethane	1.89	101	74916	20.70	ug/l	99
8) Diethyl Ether	2.10	74	27942	21.62	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	44455	19.80	ug/l	96
10) Methyl Iodide	2.41	142	46808	27.31	ug/l	97
11) Tert butyl alcohol	2.82	59	74678	104.58	ug/l	99
12) 1,1-Dichloroethene	2.28	96	40959	20.00	ug/l	99
13) Acrolein	2.19	56	25235	67.30	ug/l	91
14) Allyl chloride	2.60	41	72325	19.02	ug/l	97
15) Acrylonitrile	2.94	53	144786	104.22	ug/l	98
16) Acetone	2.32	43	171879	108.96	ug/l	97
17) Carbon Disulfide	2.48	76	117793	17.96	ug/l	100
18) Methyl Acetate	2.62	43	83959	24.83	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	164662	21.39	ug/l	96
20) Methylene Chloride	2.70	84	50958	20.59	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	46580	20.65	ug/l	96
22) Diisopropyl ether	3.57	45	156864	20.81	ug/l	90
23) Vinyl Acetate	3.53	43	663963	98.34	ug/l	100
24) 1,1-Dichloroethane	3.45	63	89575	20.66	ug/l	99
25) 2-Butanone	4.26	43	224930	106.15	ug/l	96
26) 2,2-Dichloropropane	4.23	77	84203	20.45	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	53655	20.69	ug/l	98
28) Bromochloromethane	4.55	49	38839	20.34	ug/l	89
29) Tetrahydrofuran	4.64	42	132850	101.24	ug/l	96
30) Chloroform	4.68	83	96016	21.88	ug/l	99
31) Cyclohexane	5.00	56	82886	20.36	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	87202	21.49	ug/l	97
36) 1,1-Dichloropropene	5.14	75	67265	21.40	ug/l	99
37) Ethyl Acetate	4.38	43	76796	22.42	ug/l	96
38) Carbon Tetrachloride	5.14	117	75676	21.90	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	83833	21.38	ug/l	95
40) Benzene	5.39	78	196049	21.89	ug/l	99
41) Methacrylonitrile	4.54	41	42418	22.97	ug/l	98
42) 1,2-Dichloroethane	5.41	62	81255	23.83	ug/l	98
43) Isopropyl Acetate	5.55	43	123901	20.93	ug/l	99
44) Trichloroethene	6.19	130	53215	20.88	ug/l	98
45) 1,2-Dichloropropane	6.44	63	51095	21.38	ug/l	96
46) Dibromomethane	6.56	93	38032	22.66	ug/l	95
47) Bromodichloromethane	6.76	83	71090	21.27	ug/l	98
48) Methyl methacrylate	6.63	41	65060	22.57	ug/l	99
49) 1,4-Dioxane	6.62	88	29833	529.14	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	402993	108.34	ug/l	98
52) Toluene	7.64	92	124374	21.59	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	75375	20.08	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	81583	20.40	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	52980	22.62	ug/l	97
56) Ethyl methacrylate	8.02	69	80874	20.63	ug/l	99
57) 1,3-Dichloropropane	8.25	76	86968	22.01	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	135603	90.30	ug/l	95
59) 2-Hexanone	8.36	43	325851	107.30	ug/l	100
60) Dibromochloromethane	8.48	129	57566	19.71	ug/l	100
61) 1,2-Dibromoethane	8.59	107	56933	21.84	ug/l	98
64) Tetrachloroethene	8.23	164	52781	21.85	ug/l	97
65) Chlorobenzene	9.12	112	142609	21.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	53742	21.79	ug/l	98
67) Ethyl Benzene	9.25	91	249190	21.90	ug/l	98
68) m/p-Xylenes	9.38	106	192708	44.10	ug/l	96
69) o-Xylene	9.78	106	97409	22.52	ug/l	93
70) Styrene	9.80	104	149005	20.97	ug/l	99
71) Bromoform	9.96	173	44430	18.95	ug/l #	99
73) Isopropylbenzene	10.17	105	254924	22.65	ug/l	99
74) N-amyl acetate	10.01	43	105669	19.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	84869	22.51	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	76781m	23.79	ug/l	
77) Bromobenzene	10.46	156	64190	22.53	ug/l	94
78) n-propylbenzene	10.59	91	285245	21.52	ug/l	97
79) 2-Chlorotoluene	10.66	91	175230	22.42	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	218830	22.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	27046m	19.40	ug/l	
82) 4-Chlorotoluene	10.78	91	198824	21.85	ug/l	99
83) tert-Butylbenzene	11.10	119	217623	23.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	218273	21.96	ug/l	98
85) sec-Butylbenzene	11.33	105	258573	22.02	ug/l	97
86) p-Isopropyltoluene	11.48	119	228684	21.74	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	113442	21.55	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	116050	21.91	ug/l	99
89) n-Butylbenzene	11.89	91	176878	18.94	ug/l	97
90) Hexachloroethane	12.15	117	39542	19.27	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	119998	22.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21402	20.57	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	71781	22.05	ug/l	98
94) Hexachlorobutadiene	13.69	225	41228	22.50	ug/l	98
95) Naphthalene	13.74	128	242813	22.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	78320	24.14	ug/l	97

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

