

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025038.D
 Acq On : 28 Jun 2018 23:09
 Operator : MD/SY
 Sample : VU0628MBS02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:50 PM

Quant Time: Jun 29 07:48:58 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	176377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274011	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141463	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	4.89	113	112095	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	7.57	98	371925	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
62) 4-Bromofluorobenzene	10.31	95	150491	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37438	16.96	ug/l	99
3) Chloromethane	1.33	50	39244	17.40	ug/l	99
4) Vinyl Chloride	1.40	62	42686	18.35	ug/l	100
5) Bromomethane	1.62	94	28958	25.75	ug/l	98
6) Chloroethane	1.70	64	28276	21.15	ug/l	98
7) Trichlorofluoromethane	1.89	101	71213	20.06	ug/l	98
8) Diethyl Ether	2.10	74	27993	22.12	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42664	19.37	ug/l	98
10) Methyl Iodide	2.41	142	41669	25.28	ug/l	96
11) Tert butyl alcohol	2.82	59	70607	100.82	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38829	19.33	ug/l	94
13) Acrolein	2.19	56	22503	61.19	ug/l	98
14) Allyl chloride	2.60	41	65622	17.60	ug/l	98
15) Acrylonitrile	2.94	53	139563	102.43	ug/l	98
16) Acetone	2.32	43	131334	84.89	ug/l	96
17) Carbon Disulfide	2.48	76	108728	16.91	ug/l	99
18) Methyl Acetate	2.62	43	81943	24.71	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	157069	20.81	ug/l	95
20) Methylene Chloride	2.71	84	48830	20.12	ug/l	93
21) trans-1,2-Dichloroethene	2.99	96	42566	19.24	ug/l	99
22) Diisopropyl ether	3.57	45	148445	20.08	ug/l	93
23) Vinyl Acetate	3.53	43	615636	92.97	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85913	20.20	ug/l	97
25) 2-Butanone	4.26	43	198992	95.76	ug/l	99
26) 2,2-Dichloropropane	4.23	77	63887	15.82	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50209	19.74	ug/l	98
28) Bromochloromethane	4.55	49	39736	21.21	ug/l	86
29) Tetrahydrofuran	4.63	42	128232	99.64	ug/l	96
30) Chloroform	4.68	83	89265	20.74	ug/l	97
31) Cyclohexane	5.00	56	78725	19.65	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	81001	20.35	ug/l	94
36) 1,1-Dichloropropene	5.14	75	62681	19.47	ug/l	97
37) Ethyl Acetate	4.38	43	74208	21.15	ug/l	98
38) Carbon Tetrachloride	5.14	117	70466	19.90	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77343	19.25	ug/l	98
40) Benzene	5.39	78	188228	20.52	ug/l	100
41) Methacrylonitrile	4.54	41	40835	21.58	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77840	22.28	ug/l	99
43) Isopropyl Acetate	5.55	43	118870	19.60	ug/l	98
44) Trichloroethene	6.19	130	51107	19.57	ug/l	95
45) 1,2-Dichloropropane	6.44	63	49895	20.38	ug/l	96
46) Dibromomethane	6.56	93	36249	21.08	ug/l	96
47) Bromodichloromethane	6.76	83	67632	19.75	ug/l	96
48) Methyl methacrylate	6.63	41	61063	20.67	ug/l	98
49) 1,4-Dioxane	6.62	88	27782	480.94	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	386071	101.30	ug/l	99
52) Toluene	7.64	92	117949	19.98	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	69887	18.17	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	73808	18.01	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	49005	20.42	ug/l	97
56) Ethyl methacrylate	8.02	69	78283	19.49	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83994	20.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	33652	21.87	ug/l	96
59) 2-Hexanone	8.36	43	306394	98.48	ug/l	100
60) Dibromochloromethane	8.48	129	53345	17.83	ug/l	99
61) 1,2-Dibromoethane	8.59	107	53465	20.02	ug/l	98
64) Tetrachloroethene	8.23	164	50029	20.61	ug/l	96
65) Chlorobenzene	9.12	112	134548	20.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	51003	20.58	ug/l	98
67) Ethyl Benzene	9.25	91	232324	20.31	ug/l	97
68) m/p-Xylenes	9.38	106	180123	41.01	ug/l	98
69) o-Xylene	9.78	106	89701	20.64	ug/l	97
70) Styrene	9.80	104	140121	19.62	ug/l	99
71) Bromoform	9.96	173	40446	17.17	ug/l #	98
73) Isopropylbenzene	10.17	105	239658	21.24	ug/l	99
74) N-amyl acetate	10.01	43	99860	18.61	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	80438	21.28	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	73743m	22.80	ug/l	
77) Bromobenzene	10.45	156	60663	21.24	ug/l	95
78) n-propylbenzene	10.59	91	263384	19.82	ug/l	97
79) 2-Chlorotoluene	10.66	91	165856	21.16	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	204653	20.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24383m	17.44	ug/l	
82) 4-Chlorotoluene	10.78	91	185938	20.39	ug/l	99
83) tert-Butylbenzene	11.10	119	202016	21.48	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	203656	20.44	ug/l	100
85) sec-Butylbenzene	11.33	105	241516	20.51	ug/l	98
86) p-Isopropyltoluene	11.48	119	210025	19.92	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	107249	20.33	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106706	20.09	ug/l	99
89) n-Butylbenzene	11.89	91	160138	17.11	ug/l	97
90) Hexachloroethane	12.15	117	36179	17.59	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	111617	21.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20122	19.29	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	64877	19.88	ug/l	99
94) Hexachlorobutadiene	13.70	225	36536	19.89	ug/l	98
95) Naphthalene	13.75	128	220301	20.79	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69537	21.38	ug/l	99

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

