

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062718\
 Data File : VU024965.D
 Acq On : 27 Jun 2018 14:39
 Operator : MD/SY
 Sample : VU0627MBSD03
 Misc : 5.00µg/10mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD03

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:02 PM

Quant Time: Jun 28 03:03:05 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	196328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290805	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	271169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	156606	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	4.89	113	124889	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	7.57	98	421992	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	10.31	95	171977	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43235	17.59	ug/l	99
3) Chloromethane	1.33	50	46071	18.35	ug/l	99
4) Vinyl Chloride	1.40	62	47857	18.48	ug/l	97
5) Bromomethane	1.63	94	30773	24.59	ug/l	97
6) Chloroethane	1.70	64	30855	20.71	ug/l	100
7) Trichlorofluoromethane	1.89	101	79996	20.25	ug/l	99
8) Diethyl Ether	2.10	74	29929	21.17	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	47908	19.54	ug/l	97
10) Methyl Iodide	2.41	142	46498	25.33	ug/l	97
11) Tert butyl alcohol	2.82	59	70324	90.22	ug/l	99
12) 1,1-Dichloroethene	2.29	96	44144	19.75	ug/l	95
13) Acrolein	2.19	56	20479	50.03	ug/l	99
14) Allyl chloride	2.60	41	76029	18.32	ug/l	97
15) Acrylonitrile	2.94	53	151633	99.98	ug/l	98
16) Acetone	2.32	43	176336	102.40	ug/l	98
17) Carbon Disulfide	2.48	76	123285	17.22	ug/l	98
18) Methyl Acetate	2.62	43	85829	23.25	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	173691	20.67	ug/l	97
20) Methylene Chloride	2.71	84	54452	20.15	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	48709	19.78	ug/l	99
22) Diisopropyl ether	3.57	45	163984	19.93	ug/l	93
23) Vinyl Acetate	3.53	43	702799	95.35	ug/l	98
24) 1,1-Dichloroethane	3.45	63	95941	20.27	ug/l	98
25) 2-Butanone	4.26	43	231351	100.02	ug/l	99
26) 2,2-Dichloropropane	4.23	77	92333	20.54	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	58362	20.62	ug/l	99
28) Bromochloromethane	4.55	49	38846	18.63	ug/l	86
29) Tetrahydrofuran	4.64	42	137778	96.18	ug/l	97
30) Chloroform	4.68	83	99445	20.76	ug/l	98
31) Cyclohexane	5.00	56	87218	19.55	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	91276	20.60	ug/l	96
36) 1,1-Dichloropropene	5.14	75	71005	20.78	ug/l	97
37) Ethyl Acetate	4.38	43	79619	21.38	ug/l #	96
38) Carbon Tetrachloride	5.14	117	79840	21.25	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	89161	20.91	ug/l	96
40) Benzene	5.39	78	208659	21.43	ug/l	100
41) Methacrylonitrile	4.54	41	44329	22.08	ug/l	99
42) 1,2-Dichloroethane	5.41	62	87036	23.47	ug/l	98
43) Isopropyl Acetate	5.55	43	128377	19.94	ug/l	99
44) Trichloroethene	6.19	130	58068	20.95	ug/l	95
45) 1,2-Dichloropropane	6.44	63	55599	21.40	ug/l	100
46) Dibromomethane	6.56	93	40144	22.00	ug/l	95
47) Bromodichloromethane	6.76	83	74831	20.59	ug/l	98
48) Methyl methacrylate	6.62	41	68004	21.69	ug/l	98
49) 1,4-Dioxane	6.62	88	26818	437.44	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	419906	103.82	ug/l	99
52) Toluene	7.64	92	134917	21.54	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	81768	20.04	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	87063	20.02	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	55055	21.62	ug/l	96
56) Ethyl methacrylate	8.02	69	85336	20.02	ug/l	97
57) 1,3-Dichloropropane	8.25	76	91925	21.40	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	18614	11.40	ug/l	95
59) 2-Hexanone	8.36	43	339330	102.76	ug/l	99
60) Dibromochloromethane	8.48	129	60904	19.18	ug/l	99
61) 1,2-Dibromoethane	8.59	107	58967	20.80	ug/l	97
64) Tetrachloroethene	8.23	164	52628	20.42	ug/l	99
65) Chlorobenzene	9.12	112	150323	21.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	57345	21.79	ug/l	98
67) Ethyl Benzene	9.25	91	262717	21.63	ug/l	100
68) m/p-Xylenes	9.38	106	203414	43.62	ug/l	98
69) o-Xylene	9.78	106	101078	21.90	ug/l	98
70) Styrene	9.80	104	158388	20.88	ug/l	99
71) Bromoform	9.96	173	46866	18.73	ug/l #	100
73) Isopropylbenzene	10.17	105	271499	22.29	ug/l	99
74) N-amyl acetate	10.01	43	111646	19.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	87823	21.51	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	80876m	23.15	ug/l	
77) Bromobenzene	10.45	156	67342	21.83	ug/l	96
78) n-propylbenzene	10.59	91	305095	21.26	ug/l	97
79) 2-Chlorotoluene	10.66	91	185448	21.91	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	232000	21.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	28106m	18.62	ug/l	
82) 4-Chlorotoluene	10.78	91	209434	21.26	ug/l	99
83) tert-Butylbenzene	11.10	119	233156	22.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	234263	21.77	ug/l	99
85) sec-Butylbenzene	11.33	105	275756	21.69	ug/l	97
86) p-Isopropyltoluene	11.48	119	245692	21.58	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	122130	21.43	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	123024	21.45	ug/l	99
89) n-Butylbenzene	11.89	91	196605	19.45	ug/l	97
90) Hexachloroethane	12.15	117	42339	19.06	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	125907	22.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22635	20.09	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	78246	22.20	ug/l	99
94) Hexachlorobutadiene	13.70	225	43752	22.06	ug/l	99
95) Naphthalene	13.74	128	256963	22.40	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	83719	23.84	ug/l	99

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

