

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024916.D
 Acq On : 26 Jun 2018 08:15
 Operator : MD/SY
 Sample : VU0625MBSD02
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:48 AM

Quant Time: Jun 26 08:58:42 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	172404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266543	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139137	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	140589	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	4.89	113	110791	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	7.57	98	382402	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	10.31	95	149320	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	39790	18.44	ug/l	97
3) Chloromethane	1.33	50	41201	18.69	ug/l	98
4) Vinyl Chloride	1.41	62	43792	19.26	ug/l	98
5) Bromomethane	1.63	94	28114	25.58	ug/l	97
6) Chloroethane	1.70	64	30045	23.08	ug/l	100
7) Trichlorofluoromethane	1.89	101	72070	20.77	ug/l	99
8) Diethyl Ether	2.10	74	28134	22.80	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42703	19.84	ug/l	97
10) Methyl Iodide	2.42	142	38597	24.23	ug/l	99
11) Tert butyl alcohol	2.83	59	66664	97.39	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38726	19.73	ug/l	99
13) Acrolein	2.20	56	15973	44.44	ug/l	96
14) Allyl chloride	2.60	41	73030	20.04	ug/l	93
15) Acrylonitrile	2.94	53	132715	99.65	ug/l	99
16) Acetone	2.32	43	129324	85.52	ug/l	99
17) Carbon Disulfide	2.48	76	101196	16.10	ug/l	97
18) Methyl Acetate	2.62	43	76671	23.65	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	156832	21.25	ug/l	97
20) Methylene Chloride	2.71	84	53458	22.53	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	42586	19.70	ug/l	99
22) Diisopropyl ether	3.57	45	150385	20.81	ug/l	94
23) Vinyl Acetate	3.53	43	600489	92.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85221	20.50	ug/l	99
25) 2-Butanone	4.26	43	189512	93.30	ug/l	96
26) 2,2-Dichloropropane	4.23	77	57620	14.60	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	52021	20.93	ug/l	96
28) Bromochloromethane	4.55	49	41740	22.80	ug/l	89
29) Tetrahydrofuran	4.64	42	123575	98.24	ug/l	96
30) Chloroform	4.68	83	89948	21.38	ug/l	99
31) Cyclohexane	5.00	56	76596	19.55	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	84076	21.61	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60990	19.47	ug/l	97
37) Ethyl Acetate	4.38	43	73005	21.39	ug/l	97
38) Carbon Tetrachloride	5.14	117	71516	20.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73488	18.80	ug/l	96
40) Benzene	5.39	78	186532	20.90	ug/l	98
41) Methacrylonitrile	4.54	41	39034	21.21	ug/l	96
42) 1,2-Dichloroethane	5.41	62	76151	22.40	ug/l	99
43) Isopropyl Acetate	5.55	43	118933	20.16	ug/l	99
44) Trichloroethene	6.19	130	50466	19.87	ug/l	94
45) 1,2-Dichloropropane	6.44	63	50627	21.26	ug/l	99
46) Dibromomethane	6.56	93	36782	21.99	ug/l	95
47) Bromodichloromethane	6.76	83	69845	20.97	ug/l	97
48) Methyl methacrylate	6.63	41	60559	21.08	ug/l	97
49) 1,4-Dioxane	6.63	88	27603	491.23	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	383184	103.36	ug/l	98
52) Toluene	7.64	92	119067	20.74	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	70787	18.92	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	73730	18.50	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	50233	21.52	ug/l	97
56) Ethyl methacrylate	8.02	69	80466	20.60	ug/l	98
57) 1,3-Dichloropropane	8.25	76	84520	21.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	67924	45.39	ug/l	96
59) 2-Hexanone	8.36	43	293432	96.95	ug/l	100
60) Dibromochloromethane	8.48	129	55242	18.98	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54039	20.80	ug/l	100
64) Tetrachloroethene	8.23	164	53805	22.70	ug/l	97
65) Chlorobenzene	9.12	112	136265	21.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51949	21.47	ug/l	97
67) Ethyl Benzene	9.25	91	231164	20.70	ug/l	97
68) m/p-Xylenes	9.38	106	178905	41.72	ug/l	97
69) o-Xylene	9.78	106	89480	21.09	ug/l	96
70) Styrene	9.80	104	144389	20.70	ug/l	98
71) Bromoform	9.96	173	42796	18.61	ug/l #	99
73) Isopropylbenzene	10.17	105	240102	22.48	ug/l	100
74) N-amyl acetate	10.01	43	102404	20.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81550	22.78	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	73535m	24.01	ug/l	
77) Bromobenzene	10.45	156	61761	22.84	ug/l	95
78) n-propylbenzene	10.59	91	265620	21.11	ug/l	97
79) 2-Chlorotoluene	10.66	91	163964	22.10	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	200557	21.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22470m	16.98	ug/l	
82) 4-Chlorotoluene	10.77	91	183983	21.30	ug/l	100
83) tert-Butylbenzene	11.10	119	203784	22.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	208306	22.08	ug/l	98
85) sec-Butylbenzene	11.33	105	242519	21.75	ug/l	98
86) p-Isopropyltoluene	11.48	119	209974	21.03	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	106466	21.31	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	107552	21.39	ug/l	99
89) n-Butylbenzene	11.89	91	165831	18.71	ug/l	99
90) Hexachloroethane	12.15	117	36872	18.93	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	111659	22.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21108	21.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	69119	22.37	ug/l	98
94) Hexachlorobutadiene	13.70	225	36958	21.25	ug/l	99
95) Naphthalene	13.74	128	232636	23.11	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75749	24.60	ug/l	100

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

