

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024894.D
 Acq On : 25 Jun 2018 23:24
 Operator : MD/SY
 Sample : VU0625MBS02
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:26 AM

Quant Time: Jun 26 07:52:16 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	176358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271872	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	132575	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	4.89	113	105894	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	7.57	98	365404	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	10.31	95	146187	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38408	17.40	ug/l	97
3) Chloromethane	1.33	50	39574	17.55	ug/l	100
4) Vinyl Chloride	1.40	62	43705	18.79	ug/l	97
5) Bromomethane	1.62	94	27652	24.59	ug/l	100
6) Chloroethane	1.70	64	28312	21.18	ug/l	99
7) Trichlorofluoromethane	1.89	101	71627	20.18	ug/l	99
8) Diethyl Ether	2.10	74	27934	22.08	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42312	19.22	ug/l	99
10) Methyl Iodide	2.41	142	37079	23.08	ug/l	99
11) Tert butyl alcohol	2.82	59	68608	97.98	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38687	19.27	ug/l	93
13) Acrolein	2.19	56	18909	51.42	ug/l	97
14) Allyl chloride	2.60	41	66408	17.81	ug/l	99
15) Acrylonitrile	2.94	53	137798	101.15	ug/l	99
16) Acetone	2.32	43	130398	84.29	ug/l	100
17) Carbon Disulfide	2.48	76	103274	16.06	ug/l	99
18) Methyl Acetate	2.62	43	73119	22.05	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	154509	20.47	ug/l	96
20) Methylene Chloride	2.70	84	51252	21.12	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41225	18.64	ug/l	96
22) Diisopropyl ether	3.57	45	148787	20.13	ug/l	95
23) Vinyl Acetate	3.53	43	627051	94.71	ug/l	98
24) 1,1-Dichloroethane	3.45	63	86263	20.29	ug/l	99
25) 2-Butanone	4.26	43	196978	94.80	ug/l	97
26) 2,2-Dichloropropane	4.23	77	68763	17.03	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50797	19.98	ug/l	98
28) Bromochloromethane	4.55	49	34561	18.45	ug/l	89
29) Tetrahydrofuran	4.63	42	125992	97.91	ug/l	97
30) Chloroform	4.68	83	87206	20.26	ug/l	99
31) Cyclohexane	5.00	56	75066	18.64	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	79278	19.92	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60152	18.83	ug/l	96
37) Ethyl Acetate	4.38	43	74219	21.32	ug/l	98
38) Carbon Tetrachloride	5.14	117	69747	19.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72734	18.24	ug/l	93
40) Benzene	5.39	78	182817	20.08	ug/l	98
41) Methacrylonitrile	4.54	41	41061	21.87	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75306	21.72	ug/l	100
43) Isopropyl Acetate	5.55	43	118580	19.70	ug/l	99
44) Trichloroethene	6.19	130	50343	19.43	ug/l	99
45) 1,2-Dichloropropane	6.44	63	50481	20.78	ug/l	99
46) Dibromomethane	6.56	93	35565	20.85	ug/l	96
47) Bromodichloromethane	6.76	83	68735	20.23	ug/l	100
48) Methyl methacrylate	6.63	41	59833	20.42	ug/l	96
49) 1,4-Dioxane	6.62	88	29186	509.22	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	388612	102.77	ug/l	99
52) Toluene	7.64	92	116769	19.94	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	71505	18.74	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74784	18.40	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48903	20.54	ug/l	98
56) Ethyl methacrylate	8.02	69	81026	20.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81766	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	79747	52.24	ug/l	95
59) 2-Hexanone	8.36	43	303933	98.45	ug/l	100
60) Dibromochloromethane	8.48	129	56518	19.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52445	19.79	ug/l	96
64) Tetrachloroethene	8.23	164	48734	20.17	ug/l	98
65) Chlorobenzene	9.12	112	133326	20.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51472	20.86	ug/l	98
67) Ethyl Benzene	9.25	91	228535	20.07	ug/l	98
68) m/p-Xylenes	9.38	106	177611	40.63	ug/l	98
69) o-Xylene	9.78	106	88192	20.38	ug/l	97
70) Styrene	9.80	104	143641	20.20	ug/l	98
71) Bromoform	9.96	173	44517	18.98	ug/l #	99
73) Isopropylbenzene	10.17	105	236734	20.99	ug/l	100
74) N-amyl acetate	10.01	43	105000	19.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82725	21.89	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	74680m	23.09	ug/l	
77) Bromobenzene	10.45	156	61040	21.38	ug/l	94
78) n-propylbenzene	10.59	91	265202	19.96	ug/l	98
79) 2-Chlorotoluene	10.66	91	164308	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	202618	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24161m	17.29	ug/l	
82) 4-Chlorotoluene	10.78	91	185906	20.39	ug/l	98
83) tert-Butylbenzene	11.10	119	206025	21.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205300	20.61	ug/l	100
85) sec-Butylbenzene	11.33	105	244190	20.74	ug/l	98
86) p-Isopropyltoluene	11.48	119	211302	20.04	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	106638	20.21	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	108795	20.49	ug/l	99
89) n-Butylbenzene	11.89	91	170607	18.23	ug/l	98
90) Hexachloroethane	12.15	117	38959	18.94	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113509	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20971	20.11	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	70212	21.52	ug/l	99
94) Hexachlorobutadiene	13.70	225	37456	20.39	ug/l	98
95) Naphthalene	13.74	128	237466	22.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74607	22.95	ug/l	99

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

