

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024875.D
 Acq On : 25 Jun 2018 15:19
 Operator : MD/SY
 Sample : VU0625MBS01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:19:47 AM

Quant Time: Jun 26 07:03:37 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	181043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272705	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141075	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	4.89	113	111365	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	7.57	98	392593	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.31	95	153074	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	40532	17.89	ug/l	99
3) Chloromethane	1.33	50	40656	17.56	ug/l	98
4) Vinyl Chloride	1.40	62	43321	18.14	ug/l	98
5) Bromomethane	1.62	94	27237	23.60	ug/l	98
6) Chloroethane	1.70	64	29454	21.48	ug/l	99
7) Trichlorofluoromethane	1.89	101	72035	19.77	ug/l	98
8) Diethyl Ether	2.10	74	27162	20.81	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40519	17.92	ug/l	94
10) Methyl Iodide	2.41	142	33109	20.76	ug/l	99
11) Tert butyl alcohol	2.82	59	60972	84.82	ug/l	100
12) 1,1-Dichloroethene	2.28	96	37358	18.12	ug/l	93
13) Acrolein	2.19	56	20490	54.28	ug/l	94
14) Allyl chloride	2.60	41	65554	17.13	ug/l	98
15) Acrylonitrile	2.94	53	132791	94.95	ug/l	99
16) Acetone	2.32	43	144174	90.79	ug/l	100
17) Carbon Disulfide	2.48	76	103488	15.68	ug/l	100
18) Methyl Acetate	2.62	43	70774	20.79	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	150107	19.37	ug/l	95
20) Methylene Chloride	2.70	84	45374	18.21	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	40236	17.72	ug/l	96
22) Diisopropyl ether	3.57	45	145775	19.21	ug/l	95
23) Vinyl Acetate	3.53	43	639453	94.08	ug/l	99
24) 1,1-Dichloroethane	3.45	63	83635	19.16	ug/l	98
25) 2-Butanone	4.26	43	205503	96.34	ug/l	99
26) 2,2-Dichloropropane	4.23	77	79104	19.09	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	49891	19.11	ug/l	100
28) Bromochloromethane	4.55	49	35581	18.51	ug/l	89
29) Tetrahydrofuran	4.63	42	121959	92.33	ug/l	96
30) Chloroform	4.68	83	90139	20.40	ug/l	98
31) Cyclohexane	5.00	56	75475	18.22	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80379	19.67	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59212	18.48	ug/l	97
37) Ethyl Acetate	4.38	43	72525	20.76	ug/l	98
38) Carbon Tetrachloride	5.14	117	69894	19.83	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74852	18.72	ug/l	96
40) Benzene	5.39	78	181640	19.89	ug/l	100
41) Methacrylonitrile	4.55	41	40059	21.27	ug/l	96
42) 1,2-Dichloroethane	5.41	62	72293	20.79	ug/l	100
43) Isopropyl Acetate	5.55	43	118099	19.56	ug/l	99
44) Trichloroethene	6.19	130	50004	19.24	ug/l	97
45) 1,2-Dichloropropane	6.44	63	49629	20.37	ug/l	98
46) Dibromomethane	6.56	93	34709	20.28	ug/l	95
47) Bromodichloromethane	6.76	83	68088	19.98	ug/l	98
48) Methyl methacrylate	6.63	41	59731	20.32	ug/l	97
49) 1,4-Dioxane	6.62	88	25603	445.34	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	383950	101.23	ug/l	99
52) Toluene	7.64	92	116145	19.77	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72324	18.90	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	76421	18.74	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	49112	20.57	ug/l	96
56) Ethyl methacrylate	8.02	69	80173	20.06	ug/l	99
57) 1,3-Dichloropropane	8.25	76	82701	20.53	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	34735	22.68	ug/l	95
59) 2-Hexanone	8.36	43	303025	97.86	ug/l	99
60) Dibromochloromethane	8.48	129	56646	19.02	ug/l	98
61) 1,2-Dibromoethane	8.59	107	51589	19.41	ug/l	95
64) Tetrachloroethene	8.23	164	46187	19.08	ug/l	96
65) Chlorobenzene	9.12	112	132762	20.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51727	20.92	ug/l	98
67) Ethyl Benzene	9.25	91	225659	19.78	ug/l	98
68) m/p-Xylenes	9.38	106	176170	40.22	ug/l	96
69) o-Xylene	9.78	106	88259	20.36	ug/l	95
70) Styrene	9.80	104	142631	20.02	ug/l	99
71) Bromoform	9.96	173	43390	18.47	ug/l #	99
73) Isopropylbenzene	10.17	105	239223	21.00	ug/l	100
74) N-amyl acetate	10.01	43	104235	19.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82486	21.61	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	72445m	22.18	ug/l	
77) Bromobenzene	10.46	156	60484	20.98	ug/l	95
78) n-propylbenzene	10.59	91	266177	19.84	ug/l	98
79) 2-Chlorotoluene	10.66	91	162716	20.57	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	203310	20.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24188m	17.14	ug/l	
82) 4-Chlorotoluene	10.78	91	184220	20.01	ug/l	99
83) tert-Butylbenzene	11.10	119	204770	21.56	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205746	20.45	ug/l	100
85) sec-Butylbenzene	11.33	105	244989	20.61	ug/l	99
86) p-Isopropyltoluene	11.48	119	214413	20.14	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108765	20.42	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	108208	20.18	ug/l	98
89) n-Butylbenzene	11.89	91	172862	18.29	ug/l	97
90) Hexachloroethane	12.15	117	37813	18.21	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	112017	20.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20244	19.22	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	70256	21.32	ug/l	100
94) Hexachlorobutadiene	13.70	225	37042	19.97	ug/l	95
95) Naphthalene	13.74	128	231790	21.64	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73996	22.54	ug/l	99

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

