

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029119.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD/SY
 Sample : VU0110MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:47 AM

Quant Time: Jan 11 03:47:50 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	141341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	236298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	103155	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	90749	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.88%		
35) Dibromofluoromethane	4.88	113	77183	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.78%		
50) Toluene-d8	7.56	98	303998	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.54%		
62) 4-Bromofluorobenzene	10.30	95	103987	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	25918	18.490	ug/l	98
3) Chloromethane	1.33	50	42261	18.449	ug/l	99
4) Vinyl Chloride	1.40	62	40384	19.550	ug/l	100
5) Bromomethane	1.62	94	23699	20.525	ug/l	98
6) Chloroethane	1.69	64	24620	20.010	ug/l	100
7) Trichlorofluoromethane	1.88	101	45680	20.295	ug/l	98
8) Diethyl Ether	2.10	74	22591	20.891	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	29595	19.651	ug/l	98
10) Methyl Iodide	2.41	142	31003	21.894	ug/l	99
11) Tert butyl alcohol	2.83	59	49712	111.932	ug/l	99
12) 1,1-Dichloroethene	2.28	96	29505	20.127	ug/l	97
13) Acrolein	2.19	56	29408	88.182	ug/l	99
14) Allyl chloride	2.59	41	48313	17.962	ug/l	91
15) Acrylonitrile	2.93	53	116677	107.083	ug/l	99
16) Acetone	2.32	43	92595	84.124	ug/l	98
17) Carbon Disulfide	2.48	76	88404	17.853	ug/l	100
18) Methyl Acetate	2.62	43	56449	22.056	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	106160	20.599	ug/l	99
20) Methylene Chloride	2.70	84	36675	19.625	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	32189	18.900	ug/l	96
22) Diisopropyl ether	3.57	45	108346	20.382	ug/l	99
23) Vinyl Acetate	3.52	43	437139	100.591	ug/l	100
24) 1,1-Dichloroethane	3.44	63	63356	20.646	ug/l	99
25) 2-Butanone	4.26	43	150356	101.137	ug/l	99
26) 2,2-Dichloropropane	4.22	77	45965	18.537	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	37712	20.245	ug/l	98
28) Bromochloromethane	4.55	49	28311	21.546	ug/l	96
29) Tetrahydrofuran	4.64	42	97452	108.078	ug/l	99
30) Chloroform	4.67	83	60214	20.601	ug/l	95
31) Cyclohexane	4.99	56	58214	19.409	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	49432	20.468	ug/l	99
36) 1,1-Dichloropropene	5.13	75	45825	19.402	ug/l	97
37) Ethyl Acetate	4.38	43	53097	20.480	ug/l	99
38) Carbon Tetrachloride	5.13	117	38668	19.629	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	55143	18.991	ug/l	99
40) Benzene	5.39	78	143820	19.521	ug/l	99
41) Methacrylonitrile	4.54	41	28750	20.717	ug/l	98
42) 1,2-Dichloroethane	5.40	62	45967	20.763	ug/l	100
43) Isopropyl Acetate	5.55	43	82742	20.805	ug/l	99
44) Trichloroethene	6.19	130	34167	18.717	ug/l	97
45) 1,2-Dichloropropane	6.43	63	38825	19.955	ug/l	100
46) Dibromomethane	6.56	93	24796	19.937	ug/l	99
47) Bromodichloromethane	6.76	83	45204	19.740	ug/l	99
48) Methyl methacrylate	6.62	41	40399	20.862	ug/l	99
49) 1,4-Dioxane	6.61	88	20059	437.091	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	281713	104.085	ug/l	100
52) Toluene	7.63	92	87182	19.438	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	51991	18.900	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	58121	19.553	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	36391	20.253	ug/l	99
56) Ethyl methacrylate	8.02	69	55431	20.025	ug/l	99
57) 1,3-Dichloropropane	8.24	76	61825	20.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	120469	98.957	ug/l	100
59) 2-Hexanone	8.36	43	216516	101.911	ug/l	100
60) Dibromochloromethane	8.48	129	34305	19.271	ug/l	99
61) 1,2-Dibromoethane	8.58	107	38748	19.884	ug/l	100
64) Tetrachloroethene	8.22	164	30485	19.635	ug/l	96
65) Chlorobenzene	9.12	112	95211	19.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	32141	20.500	ug/l	98
67) Ethyl Benzene	9.25	91	161203	19.986	ug/l	98
68) m/p-Xylenes	9.37	106	125594	40.074	ug/l	100
69) o-Xylene	9.78	106	62061	20.552	ug/l	98
70) Styrene	9.79	104	97473	19.690	ug/l	100
71) Bromoform	9.96	173	26637	19.081	ug/l #	99
73) Isopropylbenzene	10.16	105	157657	20.649	ug/l	100
74) N-amyl acetate	10.01	43	67434	20.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	61907	20.230	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	54070m	21.393	ug/l	
77) Bromobenzene	10.45	156	40294	20.251	ug/l	98
78) n-propylbenzene	10.58	91	185318	20.595	ug/l	100
79) 2-Chlorotoluene	10.66	91	111261	20.384	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	131896	20.686	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	18179m	18.550	ug/l	
82) 4-Chlorotoluene	10.77	91	125544	20.059	ug/l	98
83) tert-Butylbenzene	11.10	119	128063	20.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	133038	20.899	ug/l	100
85) sec-Butylbenzene	11.32	105	159854	21.032	ug/l	99
86) p-Isopropyltoluene	11.48	119	132207	20.414	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	71416	19.568	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	72211	19.168	ug/l	98
89) n-Butylbenzene	11.89	91	119037	20.593	ug/l	98
90) Hexachloroethane	12.14	117	20470	18.788	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	70757	19.248	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12378	21.031	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	44563	18.991	ug/l	99
94) Hexachlorobutadiene	13.69	225	22297	20.774	ug/l	99
95) Naphthalene	13.74	128	149680	18.751	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	46785	19.842	ug/l	99

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

