

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029111.D
 Acq On : 10 Jan 2019 12:15
 Operator : MD/SY
 Sample : VU0110MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:31 AM

Quant Time: Jan 11 03:19:04 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	134326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	222918	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	205429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	85780	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	4.88	113	72206	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	7.56	98	278730	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.31	95	99708	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	24597	18.464	ug/l	98
3) Chloromethane	1.33	50	38493	17.652	ug/l	98
4) Vinyl Chloride	1.40	62	38090	19.403	ug/l	99
5) Bromomethane	1.62	94	22457	20.456	ug/l	96
6) Chloroethane	1.69	64	22476	19.222	ug/l	99
7) Trichlorofluoromethane	1.88	101	43285	20.235	ug/l	98
8) Diethyl Ether	2.10	74	21935	21.344	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	28238	19.729	ug/l	98
10) Methyl Iodide	2.41	142	28495	21.173	ug/l	100
11) Tert butyl alcohol	2.83	59	45427	107.626	ug/l	99
12) 1,1-Dichloroethene	2.28	96	27373	19.648	ug/l	99
13) Acrolein	2.19	56	27480	86.704	ug/l	97
14) Allyl chloride	2.59	41	45649	17.858	ug/l	91
15) Acrylonitrile	2.94	53	108622	104.897	ug/l	100
16) Acetone	2.32	43	91148	87.134	ug/l	98
17) Carbon Disulfide	2.48	76	83316	17.700	ug/l	98
18) Methyl Acetate	2.61	43	53547	22.015	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	100362	20.491	ug/l	99
20) Methylene Chloride	2.70	84	34060	19.177	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	31277	19.324	ug/l	99
22) Diisopropyl ether	3.57	45	103429	20.473	ug/l	94
23) Vinyl Acetate	3.52	43	420981	101.931	ug/l	99
24) 1,1-Dichloroethane	3.45	63	60296	20.675	ug/l	100
25) 2-Butanone	4.26	43	144612	102.353	ug/l	96
26) 2,2-Dichloropropane	4.22	77	46965	19.930	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	35465	20.033	ug/l	99
28) Bromochloromethane	4.55	49	26914	21.552	ug/l	99
29) Tetrahydrofuran	4.64	42	93213	108.776	ug/l	99
30) Chloroform	4.67	83	57349	20.646	ug/l	98
31) Cyclohexane	4.99	56	55913	19.628	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	47762	20.809	ug/l	99
36) 1,1-Dichloropropene	5.13	75	43118	19.351	ug/l	99
37) Ethyl Acetate	4.38	43	49029	20.046	ug/l	98
38) Carbon Tetrachloride	5.13	117	37968	20.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	52078	19.012	ug/l	99
40) Benzene	5.39	78	138247	19.891	ug/l	99
41) Methacrylonitrile	4.54	41	26965	20.597	ug/l	99
42) 1,2-Dichloroethane	5.40	62	43650	20.900	ug/l	100
43) Isopropyl Acetate	5.55	43	80618	21.488	ug/l	98
44) Trichloroethene	6.18	130	32841	19.071	ug/l	99
45) 1,2-Dichloropropane	6.43	63	37587	20.479	ug/l	99
46) Dibromomethane	6.56	93	23384	19.930	ug/l	98
47) Bromodichloromethane	6.75	83	43539	20.154	ug/l	98
48) Methyl methacrylate	6.62	41	38821	21.250	ug/l	99
49) 1,4-Dioxane	6.61	88	19179	443.000	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	268596	105.195	ug/l	99
52) Toluene	7.64	92	83270	19.680	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	50207	19.347	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	55221	19.693	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	34720	20.483	ug/l	98
56) Ethyl methacrylate	8.02	69	52943	20.274	ug/l	99
57) 1,3-Dichloropropane	8.24	76	59985	20.681	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	118689	103.347	ug/l	99
59) 2-Hexanone	8.36	43	206714	103.137	ug/l	99
60) Dibromochloromethane	8.48	129	33371	19.872	ug/l	99
61) 1,2-Dibromoethane	8.58	107	36888	20.066	ug/l	100
64) Tetrachloroethene	8.22	164	29313	19.809	ug/l	90
65) Chlorobenzene	9.12	112	90672	19.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	30575	20.460	ug/l	99
67) Ethyl Benzene	9.25	91	162758	21.171	ug/l	99
68) m/p-Xylenes	9.37	106	133536	44.704	ug/l	98
69) o-Xylene	9.78	106	63756	22.151	ug/l	98
70) Styrene	9.79	104	94956	20.125	ug/l	99
71) Bromoform	9.95	173	25535	19.191	ug/l	# 97
73) Isopropylbenzene	10.16	105	152967	21.138	ug/l	99
74) N-amyl acetate	10.01	43	66928	21.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	60831	20.974	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	51056m	21.313	ug/l	
77) Bromobenzene	10.45	156	38487	20.408	ug/l	99
78) n-propylbenzene	10.58	91	183837	21.556	ug/l	99
79) 2-Chlorotoluene	10.66	91	110090	21.280	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	136266	22.549	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.51	75	17320m	18.647	ug/l	
82) 4-Chlorotoluene	10.77	91	119978	20.225	ug/l	99
83) tert-Butylbenzene	11.10	119	125117	21.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	174666	28.950	ug/l	100
85) sec-Butylbenzene	11.32	105	154107	21.393	ug/l	99
86) p-Isopropyltoluene	11.47	119	129338	21.071	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	68396	19.773	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	69324	19.415	ug/l	99
89) n-Butylbenzene	11.89	91	120429	21.982	ug/l	98
90) Hexachloroethane	12.14	117	20581	19.931	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	70229	20.157	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12442	22.304	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	44412	19.969	ug/l	98
94) Hexachlorobutadiene	13.69	225	22251	21.873	ug/l	99
95) Naphthalene	13.74	128	156846	20.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	46894	20.939	ug/l	98

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

