

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028036.D
 Acq On : 09 Nov 2018 11:55
 Operator : MD/SY
 Sample : VU1109MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:01:47 PM

Quant Time: Nov 12 06:28:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305749	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	134133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	136619	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	4.88	113	100559	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	7.57	98	391026	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	10.31	95	142974	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35202	15.789	ug/l	99
3) Chloromethane	1.33	50	52800	19.582	ug/l	100
4) Vinyl Chloride	1.40	62	51951	19.412	ug/l	99
5) Bromomethane	1.63	94	26509	26.426	ug/l	93
6) Chloroethane	1.70	64	31223	20.245	ug/l	100
7) Trichlorofluoromethane	1.89	101	60602	19.597	ug/l	97
8) Diethyl Ether	2.11	74	28201	21.298	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38693	21.062	ug/l	97
10) Methyl Iodide	2.41	142	30557	23.060	ug/l	99
11) Tert butyl alcohol	2.82	59	67000	97.019	ug/l	100
12) 1,1-Dichloroethene	2.29	96	37151	20.203	ug/l	94
13) Acrolein	2.20	56	19719	72.810	ug/l	99
14) Allyl chloride	2.60	41	83606	18.603	ug/l	98
15) Acrylonitrile	2.94	53	175652	103.546	ug/l	99
16) Acetone	2.32	43	163199	100.834	ug/l	99
17) Carbon Disulfide	2.48	76	112906	18.784	ug/l	100
18) Methyl Acetate	2.62	43	89387	20.077	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	149262	20.128	ug/l	98
20) Methylene Chloride	2.71	84	46818	19.812	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	40131	18.910	ug/l	94
22) Diisopropyl ether	3.58	45	185944	20.040	ug/l	95
23) Vinyl Acetate	3.53	43	796887	99.931	ug/l	100
24) 1,1-Dichloroethane	3.45	63	91037	19.698	ug/l	98
25) 2-Butanone	4.26	43	257414	99.972	ug/l	99
26) 2,2-Dichloropropane	4.23	77	70599	20.355	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	48751	20.486	ug/l	98
28) Bromochloromethane	4.55	49	42114	19.437	ug/l	99
29) Tetrahydrofuran	4.64	42	164410	95.624	ug/l	99
30) Chloroform	4.68	83	82554	19.481	ug/l	94
31) Cyclohexane	5.00	56	89965	18.781	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	68939	20.437	ug/l	99
36) 1,1-Dichloropropene	5.14	75	61825	19.307	ug/l	99
37) Ethyl Acetate	4.38	43	91911	19.589	ug/l	99
38) Carbon Tetrachloride	5.14	117	54930	19.356	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	75488	19.545	ug/l	99
40) Benzene	5.39	78	195640	19.983	ug/l	98
41) Methacrylonitrile	4.55	41	51002	20.369	ug/l	97
42) 1,2-Dichloroethane	5.41	62	69760	20.046	ug/l	99
43) Isopropyl Acetate	5.55	43	144491	19.656	ug/l	99
44) Trichloroethene	6.19	130	42364	20.130	ug/l	95
45) 1,2-Dichloropropane	6.43	63	56329	19.950	ug/l	99
46) Dibromomethane	6.56	93	32875	20.256	ug/l	98
47) Bromodichloromethane	6.76	83	61363	19.620	ug/l	99
48) Methyl methacrylate	6.62	41	72284	20.066	ug/l	99
49) 1,4-Dioxane	6.61	88	25946	441.476	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	477896	97.348	ug/l	100
52) Toluene	7.64	92	114820	19.949	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71531	19.148	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	79437	20.603	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	46966	20.057	ug/l	95
56) Ethyl methacrylate	8.02	69	81577	19.755	ug/l	99
57) 1,3-Dichloropropane	8.24	76	84542	19.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	211058	95.429	ug/l	100
59) 2-Hexanone	8.36	43	372352	98.067	ug/l	100
60) Dibromochloromethane	8.48	129	44159	19.928	ug/l	99
61) 1,2-Dibromoethane	8.59	107	49174	19.763	ug/l	99
64) Tetrachloroethene	8.23	164	35756	19.583	ug/l	98
65) Chlorobenzene	9.12	112	116846	19.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	41133	20.243	ug/l	100
67) Ethyl Benzene	9.25	91	217355	19.849	ug/l	99
68) m/p-Xylenes	9.38	106	158151	39.804	ug/l	99
69) o-Xylene	9.78	106	77807	19.393	ug/l	98
70) Styrene	9.79	104	125464	19.571	ug/l	99
71) Bromoform	9.96	173	32263	18.945	ug/l #	99
73) Isopropylbenzene	10.17	105	207522	19.971	ug/l	99
74) N-amyl acetate	10.01	43	125856	20.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82032	19.571	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	71377m	19.454	ug/l	
77) Bromobenzene	10.45	156	48406	20.316	ug/l	100
78) n-propylbenzene	10.59	91	249870	20.089	ug/l	98
79) 2-Chlorotoluene	10.66	91	148707	19.946	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	172870	20.083	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22632m	15.584	ug/l	
82) 4-Chlorotoluene	10.77	91	164444	19.429	ug/l	100
83) tert-Butylbenzene	11.10	119	168476	19.578	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	175548	20.253	ug/l	97
85) sec-Butylbenzene	11.32	105	209960	20.062	ug/l	100
86) p-Isopropyltoluene	11.48	119	174825	19.982	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	83904	19.063	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	83876	18.592	ug/l	96
89) n-Butylbenzene	11.89	91	157473	18.939	ug/l	100
90) Hexachloroethane	12.15	117	30791	19.768	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	87494	19.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	16799	19.021	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	53446	17.666	ug/l	97
94) Hexachlorobutadiene	13.69	225	26933	19.145	ug/l	97
95) Naphthalene	13.74	128	197676	17.850	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	56553	19.040	ug/l	98

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

