

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028365.D
 Acq On : 28 Nov 2018 14:55
 Operator : MD/SY
 Sample : VU1128MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 1:23:13 PM

Quant Time: Nov 29 06:39:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	238248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	430660	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	388139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	174750	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	201386	50.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.16%	
35) Dibromofluoromethane	4.88	113	140772	49.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.32%	
50) Toluene-d8	7.57	98	552238	48.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.30	95	194293	47.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	63303	19.807	ug/l	99
3) Chloromethane	1.33	50	121866	19.672	ug/l	99
4) Vinyl Chloride	1.40	62	85893	19.817	ug/l	100
5) Bromomethane	1.61	94	29652	17.688	ug/l	94
6) Chloroethane	1.69	64	50989	20.444	ug/l	97
7) Trichlorofluoromethane	1.88	101	91620	20.350	ug/l	99
8) Diethyl Ether	2.10	74	41200	19.685	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	52001	19.827	ug/l	96
10) Methyl Iodide	2.41	142	54695	22.115	ug/l	99
11) Tert butyl alcohol	2.83	59	96048	106.180	ug/l	98
12) 1,1-Dichloroethene	2.28	96	52740	20.721	ug/l	94
13) Acrolein	2.19	56	74262	92.345	ug/l	99
14) Allyl chloride	2.59	41	146938	22.096	ug/l	90
15) Acrylonitrile	2.94	53	249960	104.464	ug/l	99
16) Acetone	2.32	43	230083	94.462	ug/l	98
17) Carbon Disulfide	2.48	76	187952	19.239	ug/l	100
18) Methyl Acetate	2.61	43	140125	20.663	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	212938	20.407	ug/l	98
20) Methylene Chloride	2.70	84	68364	19.855	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	59703	20.226	ug/l	98
22) Diisopropyl ether	3.57	45	268404	20.501	ug/l	97
23) Vinyl Acetate	3.52	43	1110805	102.074	ug/l	99
24) 1,1-Dichloroethane	3.45	63	132586	20.540	ug/l	99
25) 2-Butanone	4.26	43	358970	102.834	ug/l	99
26) 2,2-Dichloropropane	4.22	77	101901	19.878	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	70076	20.074	ug/l	98
28) Bromochloromethane	4.55	49	66144	20.493	ug/l	97
29) Tetrahydrofuran	4.64	42	244290	107.786	ug/l	99
30) Chloroform	4.67	83	118631	19.911	ug/l	100
31) Cyclohexane	4.99	56	137528	20.528	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	97214	20.334	ug/l	100
36) 1,1-Dichloropropene	5.13	75	90565	19.217	ug/l	100
37) Ethyl Acetate	4.38	43	133742	20.825	ug/l	99
38) Carbon Tetrachloride	5.13	117	74061	19.138	ug/l	99

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39) Methylcyclohexane	6.41	83	109130	19.641	ug/l	98
40) Benzene	5.39	78	279438	20.020	ug/l	98
41) Methacrylonitrile	4.54	41	75084	21.052	ug/l	99
42) 1,2-Dichloroethane	5.40	62	100933	20.073	ug/l	99
43) Isopropyl Acetate	5.55	43	208900	20.527	ug/l	99
44) Trichloroethene	6.19	130	58431	19.530	ug/l	96
45) 1,2-Dichloropropane	6.43	63	81845	20.024	ug/l	96
46) Dibromomethane	6.56	93	46817	19.941	ug/l	99
47) Bromodichloromethane	6.76	83	88159	18.878	ug/l	97
48) Methyl methacrylate	6.62	41	103572	19.537	ug/l	99
49) 1,4-Dioxane	6.61	88	36602	432.195	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	659149	101.408	ug/l	99
52) Toluene	7.64	92	159081	19.792	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	107155	19.189	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	113740	19.013	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	66060	19.748	ug/l	98
56) Ethyl methacrylate	8.02	69	111389	19.574	ug/l	99
57) 1,3-Dichloropropane	8.24	76	120663	19.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	289933	94.895	ug/l	100
59) 2-Hexanone	8.36	43	501284	99.563	ug/l	100
60) Dibromochloromethane	8.48	129	60932	19.152	ug/l	99
61) 1,2-Dibromoethane	8.58	107	68402	19.965	ug/l	97
64) Tetrachloroethene	8.22	164	51735	20.263	ug/l	98
65) Chlorobenzene	9.12	112	162352	20.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53835	19.487	ug/l	98
67) Ethyl Benzene	9.25	91	302618	19.936	ug/l	100
68) m/p-Xylenes	9.37	106	217729	39.851	ug/l	98
69) o-Xylene	9.78	106	106739	19.653	ug/l	97
70) Styrene	9.79	104	174707	19.945	ug/l	99
71) Bromoform	9.96	173	44127	19.004	ug/l #	99
73) Isopropylbenzene	10.16	105	286452	21.076	ug/l	100
74) N-amyl acetate	10.01	43	176438	20.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	119095	21.309	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	105432m	21.757	ug/l	
77) Bromobenzene	10.45	156	64624	20.179	ug/l	99
78) n-propylbenzene	10.58	91	349168	20.825	ug/l	99
79) 2-Chlorotoluene	10.66	91	204700	20.710	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	239778	20.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	34856m	19.093	ug/l	
82) 4-Chlorotoluene	10.77	91	232346	20.403	ug/l	99
83) tert-Butylbenzene	11.10	119	228814	21.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	242069	20.867	ug/l	98
85) sec-Butylbenzene	11.32	105	288924	20.835	ug/l	99
86) p-Isopropyltoluene	11.48	119	232891	20.425	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	118330	20.259	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	115787	19.697	ug/l	97
89) n-Butylbenzene	11.89	91	225337	20.024	ug/l	99
90) Hexachloroethane	12.14	117	32666	18.350	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	118637	20.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26306	21.160	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	70822	18.566	ug/l	98
94) Hexachlorobutadiene	13.69	225	35873	19.916	ug/l	97
95) Naphthalene	13.74	128	265977	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75331	19.526	ug/l	99

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

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