

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033256.D
 Acq On : 16 Jul 2019 09:25
 Operator : JC/SP
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00104

Quant Time: Jul 17 04:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 03:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	131389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	133764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12584	1.42	ug/L	0.00
7) Chloroethane-d5	1.67	69	10593	1.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	24686	1.25	ug/L	0.00
20) 2-Butanone-d5	4.19	46	23290	8.49	ug/L	0.00
24) Chloroform-d	4.63	84	18951	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	10333	0.99	ug/L	0.00
32) Benzene-d6	5.32	84	34732	1.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	11427	1.04	ug/L	0.00
41) Toluene-d8	7.55	98	31851	0.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	4236	0.91	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	15832	8.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	9049	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	12161	1.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	11057	0.846 ug/L	98
3) Chloromethane	1.32	50	13101	0.990 ug/L	97
5) Vinyl chloride	1.40	62	13504	1.018 ug/L	98
6) Bromomethane	1.62	94	8642	1.128 ug/L	91
8) Chloroethane	1.69	64	8911	1.103 ug/L	100
9) Trichlorofluoromethane	1.88	101	19891	1.053 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	10882	1.097 ug/L	99
12) 1,1-Dichloroethene	2.27	96	10365	1.142 ug/L	93
13) Acetone	2.34	43	21701	9.624 ug/L	99
14) Carbon disulfide	2.46	76	33732	1.125 ug/L	97
15) Methyl Acetate	2.61	43	5581	1.028 ug/L	100
16) Methylene chloride	2.68	84	13698	1.277 ug/L	98
17) Methyl tert-butyl Ether	2.99	73	27044	1.041 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	11809	1.177 ug/L	98
19) 1,1-Dichloroethane	3.42	63	17784	0.938 ug/L	95
21) 2-Butanone	4.27	43	22148	7.097 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	9457	0.907 ug/L	93
23) Bromochloromethane	4.53	128	4288	0.889 ug/L	94
25) Chloroform	4.65	83	19887	0.949 ug/L	100
27) 1,2-Dichloroethane	5.39	62	11485	0.853 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	15026	0.887 ug/L	98
30) Cyclohexane	4.97	56	12914	0.839 ug/L	96
31) Carbon tetrachloride	5.11	117	12979	0.856 ug/L	99
33) Benzene	5.37	78	35090	0.894 ug/L	100
34) Trichloroethene	6.17	95	9627	0.908 ug/L	98
35) Methylcyclohexane	6.39	83	13406	0.847 ug/L	98
37) 1,2-Dichloropropane	6.41	63	9729	0.905 ug/L	100
38) Bromodichloromethane	6.74	83	12578	0.900 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	13245	0.874 ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	51403	7.112 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	37067	0.877	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	10674	0.845	ug/L	96
45) 1,1,2-Trichloroethane	8.05	97	7186	0.952	ug/L	95
47) Tetrachloroethene	8.21	164	7593	0.870	ug/L	88
48) 2-Hexanone	8.35	43	37333	7.083	ug/L	96
49) Dibromochloromethane	8.46	129	8488	0.896	ug/L	88
50) 1,2-Dibromoethane	8.57	107	6529	0.901	ug/L #	95
51) Chlorobenzene	9.10	112	25225	0.905	ug/L	98
52) Ethylbenzene	9.23	91	37360	0.809	ug/L	99
53) m,p-Xylene	9.36	106	13716	0.807	ug/L	97
54) o-Xylene	9.76	106	12875	0.779	ug/L	94
55) Styrene	9.78	104	22076	0.787	ug/L	99
56) Isopropylbenzene	10.15	105	34932	0.791	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	8867	0.916	ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	6367	0.871	ug/L	97
61) Bromoform	9.94	173	4031	0.844	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	18030	0.909	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	19874	0.959	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	18505	0.953	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	1488	1.091	ug/L	85
67) 1,3,5-Trichlorobenzene	12.87	180	14394	0.929	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	10406	0.921	ug/L	94
69) Naphthalene	13.73	128	16635	0.963	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	9870	0.915	ug/L	96

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

