

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091519\
 Data File : VU034550.D
 Acq On : 15 Sep 2019 08:25
 Operator : JC/SP
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Sep 16 02:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 02:04:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	203392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	189198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	91077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12064	0.71	ug/L	0.00
7) Chloroethane-d5	1.67	69	10146	0.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	20327	0.63	ug/L	0.00
20) 2-Butanone-d5	4.20	46	39001	9.13	ug/L	0.03
24) Chloroform-d	4.62	84	24687	0.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12796	0.80	ug/L	0.00
32) Benzene-d6	5.32	84	47576	0.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	16530	0.97	ug/L	0.00
41) Toluene-d8	7.54	98	45490	0.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	6907	1.06	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	32103	11.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	14302	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	15616	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	9498	0.454 ug/L	92
3) Chloromethane	1.32	50	14802	0.686 ug/L	97
5) Vinyl chloride	1.40	62	13039	0.586 ug/L	96
6) Bromomethane	1.62	94	7324	0.700 ug/L	95
8) Chloroethane	1.69	64	8276	0.592 ug/L	100
9) Trichlorofluoromethane	1.87	101	15081	0.601 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7606	0.539 ug/L	99
12) 1,1-Dichloroethene	2.27	96	8551	0.607 ug/L	94
13) Acetone	2.34	43	29721	9.266 ug/L	88
14) Carbon disulfide	2.46	76	22576	0.465 ug/L	99
15) Methyl Acetate	2.61	43	7061	0.821 ug/L	100
16) Methylene chloride	2.68	84	12816	0.749 ug/L	93
17) Methyl tert-butyl Ether	2.99	73	34055	0.876 ug/L	93
18) trans-1,2-Dichloroethene	2.96	96	9828	0.639 ug/L	79
19) 1,1-Dichloroethane	3.42	63	24605	0.787 ug/L #	94
21) 2-Butanone	4.29	43	44783	9.531 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	15404	0.923 ug/L #	97
23) Bromochloromethane	4.52	128	6216	0.834 ug/L	95
25) Chloroform	4.65	83	29474	0.902 ug/L	100
27) 1,2-Dichloroethane	5.39	62	16134	0.840 ug/L #	94
29) 1,1,1-Trichloroethane	4.89	97	19770	0.894 ug/L	97
30) Cyclohexane	4.96	56	14519	0.682 ug/L #	93
31) Carbon tetrachloride	5.11	117	15469	0.804 ug/L	97
33) Benzene	5.37	78	54264	0.946 ug/L	100
34) Trichloroethene	6.16	95	14209	0.955 ug/L	97
35) Methylcyclohexane	6.39	83	15300	0.727 ug/L	97
37) 1,2-Dichloropropane	6.41	63	15951	0.997 ug/L #	97
38) Bromodichloromethane	6.74	83	20190	1.028 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	23328	1.081 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	120893	12.082 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	57250	0.989	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	18725	1.070	ug/L	88
45) 1,1,2-Trichloroethane	8.05	97	10816	0.999	ug/L	91
47) Tetrachloroethene	8.21	164	8461	0.757	ug/L	98
48) 2-Hexanone	8.35	43	80129	11.547	ug/L	98
49) Dibromochloromethane	8.46	129	13430	1.042	ug/L	100
50) 1,2-Dibromoethane	8.57	107	9784	0.952	ug/L #	97
51) Chlorobenzene	9.10	112	37687	0.984	ug/L	98
52) Ethylbenzene	9.23	91	65416	1.060	ug/L	100
53) m,p-Xylene	9.35	106	23956	1.044	ug/L	98
54) o-Xylene	9.76	106	25112	1.148	ug/L	92
55) Styrene	9.77	104	40573	1.079	ug/L	92
56) Isopropylbenzene	10.14	105	62121	1.072	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	16503	1.141	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	10411	1.016	ug/L	95
61) Bromoform	9.94	173	7212	1.049	ug/L #	97
62) 1,3-Dichlorobenzene	11.40	146	29296	1.037	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	30269	1.035	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	27734	1.017	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	2649	1.191	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	20100	0.927	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	14365	0.874	ug/L	97
69) Naphthalene	13.73	128	29731	1.082	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	13298	0.843	ug/L	89

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

