

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122819\
 Data File : VU036364.D
 Acq On : 28 Dec 2019 12:46
 Operator : JC/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Dec 30 04:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 04:25:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	272413	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20288	0.87	ug/L	0.00
7) Chloroethane-d5	1.93	69	17596	0.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	36844	1.05	ug/L	0.00
20) 2-Butanone-d5	4.70	46	47322	10.20	ug/L	0.00
24) Chloroform-d	5.11	84	40155	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	21895	1.06	ug/L	0.00
32) Benzene-d6	5.77	84	77304	1.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	24633	1.17	ug/L	0.00
41) Toluene-d8	7.93	98	74260	1.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	11775	1.34	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	47742	13.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	22004	1.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	26637	1.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	22396	0.783 ug/L	99
3) Chloromethane	1.54	50	20994	0.598 ug/L	95
5) Vinyl chloride	1.62	62	22601	0.672 ug/L	98
6) Bromomethane	1.87	94	12574	0.736 ug/L	92
8) Chloroethane	1.95	64	13288	0.664 ug/L	94
9) Trichlorofluoromethane	2.16	101	33383	0.779 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17827	0.850 ug/L	94
12) 1,1-Dichloroethene	2.61	96	16540	0.853 ug/L	90
13) Acetone	2.68	43	33403	8.847 ug/L	93
14) Carbon disulfide	2.83	76	55839	0.860 ug/L	97
15) Methyl Acetate	3.00	43	7117	0.930 ug/L #	88
16) Methylene chloride	3.08	84	21980	0.768 ug/L	85
17) Methyl tert-butyl Ether	3.42	73	49073	1.111 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	19022	0.919 ug/L	95
19) 1,1-Dichloroethane	3.92	63	32914	0.869 ug/L	98
21) 2-Butanone	4.77	43	50821	9.880 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	19959	0.897 ug/L #	98
23) Bromochloromethane	5.02	128	9045	0.861 ug/L	89
25) Chloroform	5.13	83	37418	0.908 ug/L	100
27) 1,2-Dichloroethane	5.84	62	23521	0.952 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	33453	1.049 ug/L	99
30) Cyclohexane	5.43	56	32758	1.169 ug/L	93
31) Carbon tetrachloride	5.57	117	27111	0.946 ug/L	98
33) Benzene	5.82	78	79439	1.019 ug/L	100
34) Trichloroethene	6.58	95	20731	1.018 ug/L	95
35) Methylcyclohexane	6.80	83	32280	1.085 ug/L	97
37) 1,2-Dichloropropane	6.83	63	19970	0.988 ug/L	98
38) Bromodichloromethane	7.14	83	27188	1.031 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	31696	1.114 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	144073	12.964 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	85866	1.024	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	28510	1.210	ug/L	92
45) 1,1,2-Trichloroethane	8.44	97	14564	0.970	ug/L	94
47) Tetrachloroethene	8.58	164	14879	0.840	ug/L	89
48) 2-Hexanone	8.73	43	94471	11.581	ug/L	97
49) Dibromochloromethane	8.84	129	19026	1.025	ug/L	96
50) 1,2-Dibromoethane	8.96	107	15134	1.048	ug/L #	99
51) Chlorobenzene	9.47	112	53516	0.966	ug/L	96
52) Ethylbenzene	9.60	91	95358	1.098	ug/L	93
53) m,p-Xylene	9.72	106	35627	1.079	ug/L	91
54) o-Xylene	10.13	106	36478	1.135	ug/L	93
55) Styrene	10.14	104	59929	1.068	ug/L	92
56) Isopropylbenzene	10.51	105	94485	1.137	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	19696	1.027	ug/L #	97
59) 1,2,3-Trichloropropane	10.85	75	13639	1.022	ug/L	90
61) Bromoform	10.32	173	11000	1.057	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	40275	1.012	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	40145	1.017	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	38770	1.024	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	4177	1.525	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.24	180	28268	0.942	ug/L	95
68) 1,2,4-trichlorobenzene	13.86	180	17943	0.885	ug/L	95
69) Naphthalene	14.11	128	26559	0.952	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.35	180	18490	0.956	ug/L	97

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

