

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122819\
 Data File : VU036365.D
 Acq On : 28 Dec 2019 13:10
 Operator : JC/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Dec 30 04:28:43 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	283905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98915	4.08	ug/L	0.00
7) Chloroethane-d5	1.93	69	89968	4.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	184133	5.04	ug/L	0.00
20) 2-Butanone-d5	4.69	46	263440	54.50	ug/L	0.00
24) Chloroform-d	5.11	84	196205	4.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	105166	4.90	ug/L	0.00
32) Benzene-d6	5.77	84	374728	5.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	117991	5.34	ug/L	0.00
41) Toluene-d8	7.93	98	349640	5.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	53297	5.79	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	242552	65.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102628	5.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	127961	5.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	106419	3.570	ug/L 100
3) Chloromethane	1.54	50	105455	2.881	ug/L 100
5) Vinyl chloride	1.62	62	114916	3.278	ug/L 100
6) Bromomethane	1.88	94	65138	3.657	ug/L 100
8) Chloroethane	1.95	64	65989	3.164	ug/L 100
9) Trichlorofluoromethane	2.16	101	163593	3.662	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	85596	3.917	ug/L 100
12) 1,1-Dichloroethene	2.61	96	82783	4.097	ug/L 100
13) Acetone	2.68	43	140393	35.678	ug/L 100
14) Carbon disulfide	2.82	76	269413	3.981	ug/L 100
15) Methyl Acetate	2.99	43	34741	4.354	ug/L 100
16) Methylene chloride	3.08	84	95879	3.216	ug/L 100
17) Methyl tert-butyl Ether	3.42	73	239507	5.202	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	94371	4.374	ug/L 100
19) 1,1-Dichloroethane	3.92	63	170591	4.320	ug/L 100
21) 2-Butanone	4.77	43	241085	44.972	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	100083	4.318	ug/L 100
23) Bromochloromethane	5.02	128	43925	4.012	ug/L 100
25) Chloroform	5.14	83	182712	4.256	ug/L 100
27) 1,2-Dichloroethane	5.84	62	118252	4.593	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	165618	4.945	ug/L 100
30) Cyclohexane	5.43	56	164496	5.588	ug/L 100
31) Carbon tetrachloride	5.57	117	140480	4.668	ug/L 100
33) Benzene	5.82	78	384131	4.690	ug/L 100
34) Trichloroethene	6.58	95	105165	4.916	ug/L 100
35) Methylcyclohexane	6.80	83	170321	5.449	ug/L 100
37) 1,2-Dichloropropane	6.83	63	103234	4.864	ug/L 100
38) Bromodichloromethane	7.14	83	137774	4.972	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	166166	5.562	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	700257	59.993	ug/L 100

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42) Toluene	8.00	91	424620	4.822	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	133558	5.398	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	72470	4.595	ug/L	100
47) Tetrachloroethene	8.58	164	74134	3.983	ug/L	100
48) 2-Hexanone	8.73	43	504009	58.826	ug/L	100
49) Dibromochloromethane	8.84	129	94606	4.850	ug/L	100
50) 1,2-Dibromoethane	8.96	107	74172	4.889	ug/L	100
51) Chlorobenzene	9.47	112	268856	4.619	ug/L	100
52) Ethylbenzene	9.60	91	481325	5.277	ug/L	100
53) m,p-Xylene	9.72	106	182042	5.248	ug/L	100
54) o-Xylene	10.13	106	177799	5.268	ug/L	100
55) Styrene	10.14	104	300638	5.103	ug/L	100
56) Isopropylbenzene	10.51	105	473687	5.426	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	96039	4.766	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	67722	4.830	ug/L	100
61) Bromoform	10.32	173	54517	4.820	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	205740	4.761	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	203882	4.753	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	192538	4.679	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	18386	6.179	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	152684	4.683	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	115478	5.245	ug/L	100
69) Naphthalene	14.10	128	191838	6.331	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	106333	5.058	ug/L	100

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

