

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036728.D
 Acq On : 11 Feb 2020 17:31
 Operator : JC/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Feb 12 07:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 07:32:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	116941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	225355	23.97	ug/L	0.00
7) Chloroethane-d5	1.92	69	190847	22.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	371198	22.01	ug/L	0.00
20) 2-Butanone-d5	4.67	46	502179	216.43	ug/L	0.00
24) Chloroform-d	5.11	84	356549	19.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	192845	19.87	ug/L	0.00
32) Benzene-d6	5.77	84	754417	21.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	238437	21.72	ug/L	0.00
41) Toluene-d8	7.93	98	702728	21.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	95690	19.38	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	453736	213.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	192157	20.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	230757	19.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	164559	16.919	ug/L 100
3) Chloromethane	1.54	50	169643	17.985	ug/L 97
5) Vinyl chloride	1.62	62	198396	19.049	ug/L 97
6) Bromomethane	1.86	94	116541	19.300	ug/L 96
8) Chloroethane	1.94	64	128558	20.445	ug/L 99
9) Trichlorofluoromethane	2.15	101	254583	17.527	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	161429	20.613	ug/L 99
12) 1,1-Dichloroethene	2.60	96	148345	19.486	ug/L 97
13) Acetone	2.66	43	530180	292.116	ug/L 100
14) Carbon disulfide	2.82	76	354258	14.961	ug/L 100
15) Methyl Acetate	2.98	43	75569	22.123	ug/L 99
16) Methylene chloride	3.08	84	183952	18.396	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	446476	20.082	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	156095	18.580	ug/L 100
19) 1,1-Dichloroethane	3.91	63	327065	20.810	ug/L 99
21) 2-Butanone	4.75	43	660892	249.113	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	190160	19.692	ug/L 97
23) Bromochloromethane	5.02	128	74660	18.811	ug/L 97
25) Chloroform	5.13	83	325636	19.721	ug/L 99
27) 1,2-Dichloroethane	5.84	62	215676	19.873	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	257605	18.160	ug/L 99
30) Cyclohexane	5.43	56	275577	19.295	ug/L 98
31) Carbon tetrachloride	5.57	117	209115	17.455	ug/L 99
33) Benzene	5.82	78	706501	20.188	ug/L 100
34) Trichloroethene	6.58	95	180646	19.442	ug/L 99
35) Methylcyclohexane	6.80	83	291287	19.767	ug/L 99
37) 1,2-Dichloropropane	6.83	63	193970	21.330	ug/L 100
38) Bromodichloromethane	7.14	83	236977	19.351	ug/L 96
39) cis-1,3-Dichloropropene	7.64	75	300734	20.556	ug/L 99
40) 4-Methyl-2-pentanone	7.83	43	1320212	207.890	ug/L 100

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42) Toluene	8.00	91	776598	20.158	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	237267	19.842	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	135438	20.579	ug/L	99
47) Tetrachloroethene	8.58	164	119520	18.429	ug/L	97
48) 2-Hexanone	8.72	43	1113512	237.500	ug/L	99
49) Dibromochloromethane	8.84	129	148894	17.766	ug/L	96
50) 1,2-Dibromoethane	8.95	107	125404	19.237	ug/L	99
51) Chlorobenzene	9.47	112	479505	20.080	ug/L	98
52) Ethylbenzene	9.60	91	880540	20.679	ug/L	100
53) m,p-Xylene	9.72	106	326414	19.986	ug/L	94
54) o-Xylene	10.13	106	323264	20.323	ug/L	95
55) Styrene	10.14	104	566266	21.017	ug/L	99
56) Isopropylbenzene	10.51	105	869232	20.621	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	183234	20.685	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	130059	20.756	ug/L	100
61) Bromoform	10.32	173	80974	16.751	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	381515	20.158	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	376634	20.091	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	359924	20.026	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	29322	18.394	ug/L	96
67) 1,3,5-Trichlorobenzene	13.23	180	277536	20.676	ug/L	100
68) 1,2,4-trichlorobenzene	13.85	180	231735	23.422	ug/L	99
69) Naphthalene	14.10	128	457525	26.010	ug/L	99
70) 1,2,3-Trichlorobenzene	14.34	180	203253	21.368	ug/L	98

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

