

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036039.D
 Acq On : 09 Dec 2019 10:27
 Operator : JC/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Quant Time: Dec 10 01:02:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 00:59:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237800	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	12226	0.48	ug/L	0.00
7) Chloroethane-d5	1.93	69	12859	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	19909	0.52	ug/L	0.00
20) 2-Butanone-d5	4.70	46	18189	4.06	ug/L	0.00
24) Chloroform-d	5.11	84	17843	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	10704	0.56	ug/L	0.00
32) Benzene-d6	5.77	84	33521	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	10179	0.39	ug/L	0.00
41) Toluene-d8	7.93	98	27581	0.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	4466	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	11623	2.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	9370	0.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	10285	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	13086	0.547 ug/L	93
3) Chloromethane	1.53	50	13765	0.517 ug/L	93
5) Vinyl chloride	1.62	62	12397	0.460 ug/L #	69
6) Bromomethane	1.88	94	11051	0.668 ug/L	91
8) Chloroethane	1.95	64	10282	0.588 ug/L	89
9) Trichlorofluoromethane	2.16	101	22791	0.665 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	12668	0.680 ug/L	93
12) 1,1-Dichloroethene	2.61	96	10391	0.597 ug/L	90
13) Acetone	2.69	43	34270	8.092 ug/L	96
14) Carbon disulfide	2.82	76	30664	0.521 ug/L	100
15) Methyl Acetate	3.00	43	3593	0.491 ug/L #	85
16) Methylene chloride	3.08	84	16903	0.656 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	18090	0.472 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	9931	0.566 ug/L	92
19) 1,1-Dichloroethane	3.92	63	17672	0.519 ug/L	96
21) 2-Butanone	4.79	43	27611	5.275 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	9190	0.491 ug/L	95
23) Bromochloromethane	5.02	128	5312	0.611 ug/L	91
25) Chloroform	5.14	83	19410	0.556 ug/L	100
27) 1,2-Dichloroethane	5.84	62	11572	0.527 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	16351	0.489 ug/L	98
30) Cyclohexane	5.43	56	10839	0.339 ug/L	98
31) Carbon tetrachloride	5.56	117	14322	0.480 ug/L	96
33) Benzene	5.82	78	36326	0.423 ug/L	100
34) Trichloroethene	6.58	95	10638	0.484 ug/L	92
35) Methylcyclohexane	6.80	83	10349	0.320 ug/L	91
37) 1,2-Dichloropropane	6.83	63	9639	0.416 ug/L	98
38) Bromodichloromethane	7.14	83	13068	0.467 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	11148	0.364 ug/L #	79
40) 4-Methyl-2-pentanone	7.84	43	45949	3.467 ug/L	98

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

42) Toluene	8.00	91	34354	0.380	ug/L	96
44) trans-1,3-Dichloropropene	8.25	75	10095	0.384	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	7568	0.475	ug/L	91
47) Tetrachloroethene	8.58	164	9861	0.539	ug/L	87
48) 2-Hexanone	8.73	43	26959	2.708	ug/L	98
49) Dibromochloromethane	8.84	129	9814	0.483	ug/L	98
50) 1,2-Dibromoethane	8.96	107	7053	0.447	ug/L	91
51) Chlorobenzene	9.48	112	30271	0.520	ug/L	97
52) Ethylbenzene	9.60	91	39217	0.419	ug/L	98
53) m,p-Xylene	9.72	106	15536	0.441	ug/L	91
54) o-Xylene	10.13	106	14116	0.434	ug/L	99
55) Styrene	10.14	104	23183	0.424	ug/L	98
56) Isopropylbenzene	10.51	105	31860	0.374	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	9705	0.459	ug/L	92
59) 1,2,3-Trichloropropane	10.85	75	6470	0.428	ug/L	94
61) Bromoform	10.32	173	7066	0.785	ug/L #	97
62) 1,3-Dichlorobenzene	11.77	146	16817	0.521	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	17312	0.539	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	18052	0.586	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	1175	0.498	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	10982	0.487	ug/L	94
68) 1,2,4-trichlorobenzene	13.86	180	4383	0.365	ug/L	92
69) Naphthalene	14.10	128	4234	0.320	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.35	180	4985	0.428	ug/L	96

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

