

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036191.D
 Acq On : 13 Dec 2019 12:31
 Operator : JC/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Dec 14 00:24:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 00:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	249481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266506	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	115830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	12045	0.49	ug/L	0.00
7) Chloroethane-d5	1.93	69	10604	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	17510	0.53	ug/L	0.00
20) 2-Butanone-d5	4.70	46	21257	5.27	ug/L	0.00
24) Chloroform-d	5.11	84	19038	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	11005	0.60	ug/L	0.00
32) Benzene-d6	5.77	84	33854	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	10980	0.51	ug/L	0.00
41) Toluene-d8	7.93	98	28987	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	3855	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	13124	3.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	10407	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	12969	0.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	15795	0.573 ug/L	94
3) Chloromethane	1.53	50	21511	0.604 ug/L	94
5) Vinyl chloride	1.62	62	18125	0.551 ug/L	96
6) Bromomethane	1.87	94	8556	0.434 ug/L	96
8) Chloroethane	1.95	64	11166	0.557 ug/L	96
9) Trichlorofluoromethane	2.16	101	23107	0.571 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	11217	0.567 ug/L	99
12) 1,1-Dichloroethene	2.60	96	10315	0.552 ug/L	91
13) Acetone	2.68	43	24434	6.968 ug/L	98
14) Carbon disulfide	2.82	76	35256	0.570 ug/L	98
15) Methyl Acetate	3.00	43	3678	0.488 ug/L	98
16) Methylene chloride	3.08	84	21113	0.806 ug/L	91
17) Methyl tert-butyl Ether	3.41	73	20785	0.535 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	11078	0.571 ug/L	93
19) 1,1-Dichloroethane	3.92	63	19639	0.551 ug/L	97
21) 2-Butanone	4.77	43	27378	5.871 ug/L	75
22) cis-1,2-Dichloroethene	4.71	96	11207	0.562 ug/L	99
23) Bromochloromethane	5.03	128	5397	0.544 ug/L	95
25) Chloroform	5.13	83	22392	0.595 ug/L	89
27) 1,2-Dichloroethane	5.84	62	11998	0.542 ug/L	# 94
29) 1,1,1-Trichloroethane	5.36	97	17442	0.538 ug/L	98
30) Cyclohexane	5.43	56	13314	0.484 ug/L	# 90
31) Carbon tetrachloride	5.57	117	15787	0.545 ug/L	96
33) Benzene	5.82	78	41549	0.513 ug/L	100
34) Trichloroethene	6.58	95	10499	0.504 ug/L	89
35) Methylcyclohexane	6.80	83	13022	0.440 ug/L	95
37) 1,2-Dichloropropane	6.83	63	10854	0.522 ug/L	# 93
38) Bromodichloromethane	7.14	83	14489	0.542 ug/L	94
39) cis-1,3-Dichloropropene	7.65	75	13578	0.490 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	52676	4.968 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	41436	0.484	ug/L	96
44) trans-1,3-Dichloropropene	8.25	75	11559	0.494	ug/L	92
45) 1,1,2-Trichloroethane	8.43	97	8482	0.553	ug/L	88
47) Tetrachloroethene	8.58	164	10372	0.571	ug/L	80
48) 2-Hexanone	8.73	43	37915	4.854	ug/L	93
49) Dibromochloromethane	8.84	129	9921	0.517	ug/L	98
50) 1,2-Dibromoethane	8.96	107	8059	0.559	ug/L #	95
51) Chlorobenzene	9.47	112	30923	0.552	ug/L	94
52) Ethylbenzene	9.60	91	40788	0.486	ug/L	99
53) m,p-Xylene	9.72	106	14616	0.443	ug/L	94
54) o-Xylene	10.13	106	14819	0.470	ug/L	92
55) Styrene	10.14	104	26496	0.472	ug/L	94
56) Isopropylbenzene	10.51	105	37338	0.465	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	11009	0.568	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	7407	0.539	ug/L	97
61) Bromoform	10.32	173	6020	0.554	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	21422	0.566	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	21436	0.575	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	20786	0.573	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	1609	0.684	ug/L #	66
67) 1,3,5-Trichlorobenzene	13.24	180	16949	0.674	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	9535	0.681	ug/L	95
69) Naphthalene	14.10	128	11299	0.738	ug/L	96
70) 1,2,3-Trichlorobenzene	14.35	180	9265	0.706	ug/L	91

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

