

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035940.D
 Acq On : 03 Dec 2019 10:36
 Operator : JC/SP
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Quant Time: Dec 03 18:02:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 03 17:59:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	318237	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15773	0.47	ug/L	0.00
7) Chloroethane-d5	1.93	69	12519	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	23079	0.42	ug/L	0.00
20) 2-Butanone-d5	4.71	46	27195	3.85	ug/L	0.01
24) Chloroform-d	5.11	84	22243	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	12147	0.45	ug/L	0.00
32) Benzene-d6	5.77	84	39177	0.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	12760	0.39	ug/L	0.00
41) Toluene-d8	7.93	98	33473	0.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	5245	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	16892	3.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	12426	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	11705	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	13984	0.412 ug/L	91
3) Chloromethane	1.54	50	17209	0.442 ug/L	90
5) Vinyl chloride	1.62	62	16830	0.422 ug/L	87
6) Bromomethane	1.87	94	10234	0.450 ug/L	93
8) Chloroethane	1.95	64	11180	0.486 ug/L	95
9) Trichlorofluoromethane	2.16	101	20026	0.414 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	10554	0.373 ug/L	96
12) 1,1-Dichloroethene	2.61	96	9553	0.353 ug/L	84
13) Acetone	2.69	43	35606	6.800 ug/L	100
14) Carbon disulfide	2.82	76	34554	0.392 ug/L #	94
15) Methyl Acetate	3.00	43	5566	0.469 ug/L #	89
16) Methylene chloride	3.08	84	24706	0.761 ug/L	94
17) Methyl tert-butyl Ether	3.42	73	23274	0.370 ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	10617	0.382 ug/L	95
19) 1,1-Dichloroethane	3.92	63	20776	0.399 ug/L	96
21) 2-Butanone	4.78	43	33651	4.407 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	10786	0.354 ug/L	95
23) Bromochloromethane	5.02	128	5129	0.355 ug/L #	95
25) Chloroform	5.13	83	21922	0.387 ug/L	97
27) 1,2-Dichloroethane	5.84	62	13779	0.432 ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	17887	0.421 ug/L	98
30) Cyclohexane	5.43	56	14681	0.345 ug/L	96
31) Carbon tetrachloride	5.57	117	16011	0.421 ug/L	96
33) Benzene	5.82	78	43443	0.381 ug/L	100
34) Trichloroethene	6.58	95	12007	0.416 ug/L	94
35) Methylcyclohexane	6.80	83	14450	0.328 ug/L	95
37) 1,2-Dichloropropane	6.83	63	11917	0.397 ug/L	98
38) Bromodichloromethane	7.14	83	14620	0.402 ug/L #	91
39) cis-1,3-Dichloropropene	7.64	75	14181	0.334 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	68911	3.971 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	39924	0.335	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	11926	0.350	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	8183	0.383	ug/L	95
47) Tetrachloroethene	8.58	164	8932	0.359	ug/L	91
48) 2-Hexanone	8.73	43	49815	3.999	ug/L #	87
49) Dibromochloromethane	8.84	129	9588	0.367	ug/L	99
50) 1,2-Dibromoethane	8.96	107	8013	0.394	ug/L #	97
51) Chlorobenzene	9.48	112	30376	0.393	ug/L	98
52) Ethylbenzene	9.60	91	40876	0.329	ug/L	94
53) m,p-Xylene	9.72	106	14068	0.298	ug/L	90
54) o-Xylene	10.13	106	13851	0.306	ug/L	100
55) Styrene	10.14	104	20813	0.277	ug/L	97
56) Isopropylbenzene	10.51	105	36067	0.303	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.81	83	12082	0.431	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	8772	0.444	ug/L	99
61) Bromoform	10.32	173	6160	0.583	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	19417	0.495	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	19259	0.510	ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	19585	0.531	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	1550	0.641	ug/L #	78
67) 1,3,5-Trichlorobenzene	13.24	180	11899	0.471	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	4540	0.299	ug/L	96
69) Naphthalene	14.11	128	4970	0.273	ug/L #	89
70) 1,2,3-Trichlorobenzene	14.35	180	5049	0.345	ug/L	98

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

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