

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
 Data File : VU035479.D
 Acq On : 25 Oct 2019 10:54
 Operator : JC/SP
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Oct 25 23:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 23:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	202991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	221280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	13322	0.87	ug/L	0.00
7) Chloroethane-d5	1.93	69	11825	0.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	22746	0.84	ug/L	0.00
20) 2-Butanone-d5	4.72	46	25040	6.39	ug/L	0.00
24) Chloroform-d	5.11	84	18651	0.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	11144	0.78	ug/L	0.00
32) Benzene-d6	5.77	84	37037	0.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	12831	0.72	ug/L	0.00
41) Toluene-d8	7.93	98	32090	0.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	4553	0.55	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	13604	3.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	10354	0.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	10046	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	14145	0.738	ug/L 100
3) Chloromethane	1.53	50	16621	0.821	ug/L 97
5) Vinyl chloride	1.62	62	15722	0.770	ug/L 90
6) Bromomethane	1.88	94	8760	0.758	ug/L 91
8) Chloroethane	1.95	64	9864	0.769	ug/L 89
9) Trichlorofluoromethane	2.16	101	19349	0.745	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	10741	0.722	ug/L 98
12) 1,1-Dichloroethene	2.61	96	10202	0.715	ug/L 96
13) Acetone	2.69	43	22003	7.899	ug/L 100
14) Carbon disulfide	2.82	76	36047	0.775	ug/L 96
15) Methyl Acetate	3.00	43	4741	0.693	ug/L 99
16) Methylene chloride	3.09	84	15412	0.884	ug/L 91
17) Methyl tert-butyl Ether	3.43	73	22680	0.611	ug/L # 95
18) trans-1,2-Dichloroethene	3.39	96	10689	0.696	ug/L 99
19) 1,1-Dichloroethane	3.92	63	21401	0.750	ug/L 99
21) 2-Butanone	4.80	43	27863	6.273	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	11297	0.670	ug/L 98
23) Bromochloromethane	5.02	128	5617	0.768	ug/L 91
25) Chloroform	5.14	83	25127	0.808	ug/L 95
27) 1,2-Dichloroethane	5.84	62	13859	0.736	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	17256	0.631	ug/L 98
30) Cyclohexane	5.43	56	15872	0.547	ug/L 93
31) Carbon tetrachloride	5.57	117	15106	0.612	ug/L 97
33) Benzene	5.82	78	43948	0.629	ug/L 100
34) Trichloroethene	6.58	95	11053	0.602	ug/L 92
35) Methylcyclohexane	6.80	83	14832	0.493	ug/L 98
37) 1,2-Dichloropropane	6.84	63	11809	0.662	ug/L 98
38) Bromodichloromethane	7.15	83	14575	0.619	ug/L 99
39) cis-1,3-Dichloropropene	7.65	75	15566	0.544	ug/L 97
40) 4-Methyl-2-pentanone	7.85	43	61674	5.215	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	41505	0.544	ug/L	92
44) trans-1,3-Dichloropropene	8.25	75	11291	0.484	ug/L	83
45) 1,1,2-Trichloroethane	8.44	97	8353	0.643	ug/L	87
47) Tetrachloroethene	8.58	164	9044	0.594	ug/L	88
48) 2-Hexanone	8.74	43	36552	4.394	ug/L	99
49) Dibromochloromethane	8.84	129	9403	0.581	ug/L	98
50) 1,2-Dibromoethane	8.96	107	7353	0.573	ug/L #	97
51) Chlorobenzene	9.48	112	27304	0.562	ug/L	97
52) Ethylbenzene	9.60	91	42558	0.502	ug/L	96
53) m,p-Xylene	9.72	106	14320	0.448	ug/L	99
54) o-Xylene	10.13	106	14361	0.461	ug/L	93
55) Styrene	10.15	104	20908	0.410	ug/L	97
56) Isopropylbenzene	10.51	105	36055	0.434	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	10526	0.623	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	7263	0.599	ug/L	98
61) Bromoform	10.32	173	5479	0.625	ug/L #	98
62) 1,3-Dichlorobenzene	11.77	146	16471	0.504	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	17377	0.541	ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	16200	0.528	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	1057	0.487	ug/L	91
67) 1,3,5-Trichlorobenzene	13.25	180	8237	0.403	ug/L	96
68) 1,2,4-trichlorobenzene	13.86	180	3689	0.280	ug/L	99
69) Naphthalene	14.11	128	5098	0.281	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	3902	0.311	ug/L	94

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

