

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
 Data File : VU035793.D
 Acq On : 21 Nov 2019 09:50
 Operator : JC/SP
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Quant Time: Nov 21 17:08:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 17:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16872	0.63	ug/L	0.00
7) Chloroethane-d5	1.93	69	15438	0.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	32568	0.71	ug/L	0.00
20) 2-Butanone-d5	4.71	46	36611	6.17	ug/L	0.00
24) Chloroform-d	5.11	84	28167	0.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	17246	0.75	ug/L	0.00
32) Benzene-d6	5.77	84	52146	0.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	17245	0.59	ug/L	0.00
41) Toluene-d8	7.93	98	45746	0.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	6806	0.59	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	21067	4.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	15403	0.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	14775	0.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	17910	0.648 ug/L	95
3) Chloromethane	1.53	50	23769	0.730 ug/L	99
5) Vinyl chloride	1.62	62	22992	0.694 ug/L	94
6) Bromomethane	1.88	94	11890	0.645 ug/L	85
8) Chloroethane	1.95	64	12032	0.631 ug/L	98
9) Trichlorofluoromethane	2.16	101	25210	0.629 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	14985	0.640 ug/L	96
12) 1,1-Dichloroethene	2.60	96	14552	0.650 ug/L	94
13) Acetone	2.68	43	43476	9.733 ug/L	93
14) Carbon disulfide	2.82	76	47526	0.653 ug/L #	90
15) Methyl Acetate	3.00	43	6781	0.671 ug/L #	88
16) Methylene chloride	3.08	84	18741	0.706 ug/L	99
17) Methyl tert-butyl Ether	3.42	73	32255	0.610 ug/L #	94
18) trans-1,2-Dichloroethene	3.39	96	13359	0.585 ug/L	98
19) 1,1-Dichloroethane	3.92	63	31257	0.706 ug/L	98
21) 2-Butanone	4.79	43	43627	6.811 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	13882	0.550 ug/L	96
23) Bromochloromethane	5.02	128	6387	0.540 ug/L	89
25) Chloroform	5.14	83	30117	0.634 ug/L	92
27) 1,2-Dichloroethane	5.84	62	19758	0.728 ug/L #	94
29) 1,1,1-Trichloroethane	5.36	97	23265	0.627 ug/L	96
30) Cyclohexane	5.43	56	20029	0.540 ug/L	99
31) Carbon tetrachloride	5.56	117	20684	0.625 ug/L	100
33) Benzene	5.82	78	58225	0.586 ug/L	100
34) Trichloroethene	6.58	95	14199	0.566 ug/L	92
35) Methylcyclohexane	6.80	83	19272	0.513 ug/L	98
37) 1,2-Dichloropropane	6.83	63	17056	0.643 ug/L	100
38) Bromodichloromethane	7.14	83	20284	0.633 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	19741	0.531 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	98394	6.351 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	57847	0.556	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	16389	0.548	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	11090	0.597	ug/L	93
47) Tetrachloroethene	8.58	164	11086	0.525	ug/L	96
48) 2-Hexanone	8.74	43	70802	6.358	ug/L	98
49) Dibromochloromethane	8.84	129	12614	0.555	ug/L	94
50) 1,2-Dibromoethane	8.96	107	9793	0.559	ug/L	96
51) Chlorobenzene	9.48	112	40183	0.602	ug/L	96
52) Ethylbenzene	9.60	91	58323	0.538	ug/L	95
53) m,p-Xylene	9.72	106	19224	0.474	ug/L	96
54) o-Xylene	10.13	106	18069	0.462	ug/L	86
55) Styrene	10.15	104	28337	0.434	ug/L	91
56) Isopropylbenzene	10.51	105	47690	0.460	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	15739	0.643	ug/L	94
59) 1,2,3-Trichloropropane	10.85	75	11199	0.642	ug/L	96
61) Bromoform	10.32	173	7113	0.664	ug/L #	96
62) 1,3-Dichlorobenzene	11.77	146	24117	0.605	ug/L	97
63) 1,4-Dichlorobenzene	11.87	146	24492	0.637	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	23885	0.640	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.03	75	2197	0.886	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	14145	0.558	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	7753	0.509	ug/L	92
69) Naphthalene	14.11	128	10845	0.572	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	7434	0.505	ug/L	91

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

