

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034116.D
 Acq On : 31 Aug 2019 11:52
 Operator : JC/SP
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Aug 31 14:51:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 14:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	341055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	324760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	173971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	22826	0.80	ug/L	0.00
7) Chloroethane-d5	1.68	69	18417	0.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	43038	0.78	ug/L	0.00
20) 2-Butanone-d5	4.19	46	51898	7.60	ug/L	0.00
24) Chloroform-d	4.63	84	40267	0.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	20202	0.77	ug/L	0.00
32) Benzene-d6	5.32	84	83503	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	25943	0.91	ug/L	0.00
41) Toluene-d8	7.55	98	76348	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	8307	0.78	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	36915	8.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	19018	0.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	30073	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	32407	0.833	ug/L 98
3) Chloromethane	1.32	50	31620	0.826	ug/L 98
5) Vinyl chloride	1.40	62	33126	0.822	ug/L 97
6) Bromomethane	1.62	94	15250	0.828	ug/L 92
8) Chloroethane	1.69	64	20251	0.814	ug/L 96
9) Trichlorofluoromethane	1.88	101	36572	0.803	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	21232	0.816	ug/L 97
12) 1,1-Dichloroethene	2.28	96	21256	0.838	ug/L 90
13) Acetone	2.32	43	34980	6.656	ug/L 98
14) Carbon disulfide	2.47	76	72153	0.810	ug/L 97
15) Methyl Acetate	2.61	43	10017	0.693	ug/L 95
16) Methylene chloride	2.69	84	24890	0.837	ug/L 98
17) Methyl tert-butyl Ether	2.99	73	52613	0.803	ug/L 97
18) trans-1,2-Dichloroethene	2.96	96	23048	0.842	ug/L 95
19) 1,1-Dichloroethane	3.42	63	44226	0.826	ug/L 99
21) 2-Butanone	4.27	43	53554	7.015	ug/L 97
22) cis-1,2-Dichloroethene	4.20	96	25734	0.897	ug/L 95
23) Bromochloromethane	4.53	128	10818	0.840	ug/L 99
25) Chloroform	4.65	83	48485	0.875	ug/L 91
27) 1,2-Dichloroethane	5.39	62	24370	0.751	ug/L 98
29) 1,1,1-Trichloroethane	4.89	97	34490	0.879	ug/L 98
30) Cyclohexane	4.97	56	39600	0.967	ug/L 99
31) Carbon tetrachloride	5.11	117	31180	0.895	ug/L 100
33) Benzene	5.37	78	97037	0.956	ug/L 100
34) Trichloroethene	6.17	95	24320	0.919	ug/L 95
35) Methylcyclohexane	6.39	83	39025	0.959	ug/L 97
37) 1,2-Dichloropropane	6.41	63	24282	0.878	ug/L 98
38) Bromodichloromethane	6.74	83	28967	0.863	ug/L 97
39) cis-1,3-Dichloropropene	7.25	75	33350	0.915	ug/L 98
40) 4-Methyl-2-pentanone	7.45	43	132147	8.100	ug/L 99

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

42) Toluene	7.62	91	98722	0.961	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	24361	0.832	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	16205	0.877	ug/L	99
47) Tetrachloroethene	8.21	164	19828	0.950	ug/L	99
48) 2-Hexanone	8.35	43	91814	8.060	ug/L	97
49) Dibromochloromethane	8.46	129	18390	0.844	ug/L	99
50) 1,2-Dibromoethane	8.57	107	15451	0.881	ug/L #	99
51) Chlorobenzene	9.10	112	64327	0.953	ug/L	99
52) Ethylbenzene	9.23	91	105980	0.976	ug/L	98
53) m,p-Xylene	9.36	106	39354	0.967	ug/L	95
54) o-Xylene	9.76	106	38434	0.997	ug/L	98
55) Styrene	9.78	104	62918	0.956	ug/L	98
56) Isopropylbenzene	10.15	105	101463	0.990	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	20396	0.842	ug/L	94
59) 1,2,3-Trichloropropane	10.48	75	14280	0.827	ug/L	98
61) Bromoform	9.94	173	11031	0.860	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	52489	0.962	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	52562	0.931	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	48749	0.934	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	2852	0.732	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	42275	0.987	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	30712	0.956	ug/L	96
69) Naphthalene	13.73	128	38428	0.774	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	28075	0.916	ug/L	99

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

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