

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013599.D
 Acq On : 13 Nov 2019 10:02
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Quant Time: Nov 14 04:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 04:50:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.70	114	418326	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	383185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	179407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	21794	1.12	ug/L	0.00
7) Chloroethane-d5	1.61	69	19741	1.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.17	63	38915	1.06	ug/L	0.01
20) 2-Butanone-d5	4.05	46	33419	5.59	ug/L	0.00
24) Chloroform-d	4.44	84	39261	0.86	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.11	65	17856	0.76	ug/L	0.01
32) Benzene-d6	5.12	84	75600	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.18	67	27415	1.02	ug/L	0.00
41) Toluene-d8	7.40	98	69253	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.70	79	8991	0.88	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	29908	7.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17602	0.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	26910	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.17	85	33064	0.826 ug/L	98
3) Chloromethane	1.28	50	29533	0.818 ug/L	95
5) Vinyl chloride	1.35	62	30037	0.871 ug/L	98
6) Bromomethane	1.56	94	16493	0.891 ug/L	95
8) Chloroethane	1.63	64	15613	0.819 ug/L	100
9) Trichlorofluoromethane	1.79	101	39982	0.863 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.18	101	23907	0.915 ug/L	98
12) 1,1-Dichloroethene	2.18	96	21428	0.869 ug/L	99
13) Acetone	2.30	43	27419	7.542 ug/L	94
14) Carbon disulfide	2.36	76	60916	0.826 ug/L #	95
15) Methyl Acetate	2.53	43	8757	0.834 ug/L #	88
16) Methylene chloride	2.59	84	23861	0.765 ug/L	97
17) Methyl tert-butyl Ether	2.87	73	47987	0.750 ug/L	97
18) trans-1,2-Dichloroethene	2.84	96	21476	0.718 ug/L	93
19) 1,1-Dichloroethane	3.28	63	40698	0.739 ug/L	97
21) 2-Butanone	4.13	43	47182	7.209 ug/L	99
22) cis-1,2-Dichloroethene	4.01	96	24720	0.793 ug/L #	96
23) Bromochloromethane	4.34	128	10272	0.716 ug/L	94
25) Chloroform	4.47	83	58292	0.956 ug/L	99
27) 1,2-Dichloroethane	5.22	62	28163	0.837 ug/L	98
29) 1,1,1-Trichloroethane	4.68	97	34176	0.755 ug/L	97
30) Cyclohexane	4.74	56	37008	0.819 ug/L	89
31) Carbon tetrachloride	4.89	117	32192	0.791 ug/L	99
33) Benzene	5.17	78	104461	0.893 ug/L	100
34) Trichloroethene	6.01	95	25527	0.815 ug/L	96
35) Methylcyclohexane	6.23	83	33286	0.707 ug/L	94
37) 1,2-Dichloropropane	6.28	63	24071	0.840 ug/L #	97
38) Bromodichloromethane	6.61	83	34223	0.923 ug/L	98
39) cis-1,3-Dichloropropene	7.12	75	29986	0.758 ug/L	99
40) 4-Methyl-2-pentanone	7.32	43	117875	7.261 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.47	91	93323	0.768	ug/L	93
44) trans-1,3-Dichloropropene	7.73	75	24366	0.776	ug/L	100
45) 1,1,2-Trichloroethane	7.91	97	18106	0.917	ug/L	97
47) Tetrachloroethene	8.04	164	25109	0.912	ug/L	94
48) 2-Hexanone	8.21	43	81413	6.997	ug/L	93
49) Dibromochloromethane	8.32	129	21671	0.879	ug/L	99
50) 1,2-Dibromoethane	8.42	107	16618	0.903	ug/L	85
51) Chlorobenzene	8.94	112	65642	0.818	ug/L	98
52) Ethylbenzene	9.07	91	94745	0.734	ug/L	100
53) m,p-xylene	9.19	106	33618	0.694	ug/L	96
54) o-xylene	9.59	106	31402	0.680	ug/L	98
55) Styrene	9.61	104	49942	0.632	ug/L	95
56) Isopropylbenzene	9.98	105	83710	0.671	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	19284	0.909	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	16012	0.940	ug/L	97
61) Bromoform	9.78	173	12553	0.986	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	47755	0.808	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	51829	0.874	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	46126	0.848	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3455	1.215	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	40947	0.883	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	29186	0.798	ug/L	99
69) Naphthalene	13.55	128	32219	0.660	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	27575	0.798	ug/L	98

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

