

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010512.D
 Acq On : 26 Apr 2019 19:32
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Apr 26 22:24:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 22:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9955	0.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	4461	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19490	0.87	ug/L	0.00
20) 2-Butanone-d5	3.96	46	24499	9.42	ug/L	0.00
24) Chloroform-d	4.40	84	27241	1.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	12216	0.97	ug/L	0.00
32) Benzene-d6	5.10	84	46628	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13907	0.99	ug/L	0.00
41) Toluene-d8	7.36	98	43039	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5108	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	18442	8.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	11138	1.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	18847	1.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17371	1.080 ug/L	96
3) Chloromethane	1.25	50	11467	0.935 ug/L	96
5) Vinyl chloride	1.32	62	12004	0.899 ug/L	100
6) Bromomethane	1.53	94	4631	0.554 ug/L	95
8) Chloroethane	1.59	64	3918	0.553 ug/L #	82
9) Trichlorofluoromethane	1.76	101	24650	0.982 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11618	0.894 ug/L	92
12) 1,1-Dichloroethene	2.14	96	10179	0.862 ug/L	98
13) Acetone	2.20	43	13596	9.173 ug/L	98
14) Carbon disulfide	2.31	76	25804	0.816 ug/L	100
15) Methyl Acetate	2.46	43	4446	1.109 ug/L	99
16) Methylene chloride	2.53	84	15894	1.141 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	29097	1.005 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	14352	1.052 ug/L	96
19) 1,1-Dichloroethane	3.23	63	23284	1.060 ug/L	94
21) 2-Butanone	4.04	43	25755	9.664 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	15974	1.123 ug/L	93
23) Bromochloromethane	4.30	128	7391	1.161 ug/L	79
25) Chloroform	4.43	83	27336	1.072 ug/L	100
27) 1,2-Dichloroethane	5.18	62	16532	1.101 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	24539	1.063 ug/L	98
30) Cyclohexane	4.72	56	15533	0.815 ug/L	92
31) Carbon tetrachloride	4.87	117	22783	1.080 ug/L	98
33) Benzene	5.15	78	53886	1.058 ug/L	100
34) Trichloroethene	5.96	95	15843	1.080 ug/L	83
35) Methylcyclohexane	6.18	83	19214	0.907 ug/L	97
37) 1,2-Dichloropropane	6.22	63	11886	0.959 ug/L #	94
38) Bromodichloromethane	6.56	83	17633	1.061 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	16154	0.893 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	63637	9.162 ug/L	96

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

42) Toluene	7.43	91	54974	0.946	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	12560	0.895	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	10907	1.177	ug/L	92
47) Tetrachloroethene	8.02	164	14304	1.075	ug/L	97
48) 2-Hexanone	8.19	43	40529	8.386	ug/L	97
49) Dibromochloromethane	8.29	129	12127	1.018	ug/L	99
50) 1,2-Dibromoethane	8.40	107	9243	1.036	ug/L #	99
51) Chlorobenzene	8.93	112	40982	1.035	ug/L	98
52) Ethylbenzene	9.05	91	55957	0.880	ug/L	100
53) m,p-xylene	9.18	106	20879	0.840	ug/L	91
54) o-xylene	9.59	106	20669	0.839	ug/L	93
55) Styrene	9.60	104	32857	0.817	ug/L	98
56) Isopropylbenzene	9.97	105	53644	0.825	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.29	83	11681	1.100	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	8171	1.066	ug/L	99
61) Bromoform	9.78	173	6519	1.095	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	31875	1.046	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	30745	0.998	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	30140	1.032	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1733	1.066	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	25916	1.033	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	17649	0.925	ug/L	99
69) Naphthalene	13.55	128	23378	0.816	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	18599	1.009	ug/L	100

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

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