

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011799.D
 Acq On : 02 Jul 2019 10:27
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Jul 03 07:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 07:50:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	186159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12511	0.86	ug/L	0.00
7) Chloroethane-d5	1.58	69	9283	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23424	0.84	ug/L	0.00
20) 2-Butanone-d5	3.98	46	27304	6.87	ug/L	0.00
24) Chloroform-d	4.40	84	24432	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	12360	0.81	ug/L	0.00
32) Benzene-d6	5.09	84	43848	0.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14038	0.81	ug/L	0.00
41) Toluene-d8	7.36	98	39803	0.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	4354	0.74	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	19068	5.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	9722	0.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	13271	0.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17985	1.013	ug/L 99
3) Chloromethane	1.25	50	18077	0.959	ug/L 99
5) Vinyl chloride	1.32	62	16986	0.922	ug/L 98
6) Bromomethane	1.54	94	8820	1.085	ug/L 98
8) Chloroethane	1.60	64	9734	1.036	ug/L 97
9) Trichlorofluoromethane	1.77	101	22160	1.047	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12497	1.045	ug/L 97
12) 1,1-Dichloroethene	2.14	96	11489	0.951	ug/L 91
13) Acetone	2.23	43	21412	7.961	ug/L 68
14) Carbon disulfide	2.32	76	28269	0.863	ug/L 96
15) Methyl Acetate	2.47	43	5163	0.741	ug/L 97
16) Methylene chloride	2.53	84	14535	1.061	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	28700	0.813	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	13081	0.961	ug/L 96
19) 1,1-Dichloroethane	3.23	63	24511	0.871	ug/L 99
21) 2-Butanone	4.06	43	31485	7.371	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	13004	0.845	ug/L 96
23) Bromochloromethane	4.30	128	5755	0.937	ug/L 99
25) Chloroform	4.42	83	27580	0.974	ug/L 96
27) 1,2-Dichloroethane	5.18	62	16587	0.842	ug/L # 93
29) 1,1,1-Trichloroethane	4.65	97	20523	0.887	ug/L 97
30) Cyclohexane	4.72	56	20885	0.858	ug/L 97
31) Carbon tetrachloride	4.87	117	17336	0.912	ug/L 98
33) Benzene	5.14	78	51289	0.846	ug/L 100
34) Trichloroethene	5.96	95	13716	0.887	ug/L 95
35) Methylcyclohexane	6.17	83	20799	0.910	ug/L 98
37) 1,2-Dichloropropane	6.22	63	13513	0.836	ug/L # 95
38) Bromodichloromethane	6.55	83	14528	0.795	ug/L 95
39) cis-1,3-Dichloropropene	7.07	75	15123	0.739	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	75612	6.753	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	52816	0.834	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	12117	0.774	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	8604	0.808	ug/L	95
47) Tetrachloroethene	8.02	164	10757	0.945	ug/L	97
48) 2-Hexanone	8.19	43	53895	6.846	ug/L	97
49) Dibromochloromethane	8.29	129	8032	0.746	ug/L	95
50) 1,2-Dibromoethane	8.40	107	7780	0.806	ug/L	97
51) Chlorobenzene	8.92	112	34057	0.873	ug/L	99
52) Ethylbenzene	9.05	91	57397	0.855	ug/L	100
53) m,p-xylene	9.18	106	20660	0.840	ug/L	100
54) o-xylene	9.59	106	19272	0.786	ug/L	95
55) Styrene	9.60	104	32424	0.796	ug/L	94
56) Isopropylbenzene	9.97	105	53511	0.846	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	10613	0.816	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	7525	0.760	ug/L	93
61) Bromoform	9.78	173	3950	0.770	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	24190	0.909	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	25495	0.942	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	23419	0.885	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1380	0.737	ug/L #	67
67) 1,3,5-Trichlorobenzene	12.69	180	18306	0.928	ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	14300	0.902	ug/L	97
69) Naphthalene	13.55	128	20585	0.686	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	13642	0.893	ug/L	97

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

