

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010576.D
 Acq On : 30 Apr 2019 16:00
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Quant Time: May 01 07:34:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 01 07:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	170629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9236	1.13	ug/L	0.00
7) Chloroethane-d5	1.56	69	7038	1.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	18055	1.17	ug/L	0.00
20) 2-Butanone-d5	3.95	46	19703	9.60	ug/L	0.00
24) Chloroform-d	4.40	84	19175	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9929	1.03	ug/L	0.00
32) Benzene-d6	5.10	84	37556	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11364	0.96	ug/L	0.00
41) Toluene-d8	7.36	98	33435	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4046	0.89	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	15668	8.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	7894	0.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	12539	0.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14777	1.103	ug/L 99
3) Chloromethane	1.25	50	14305	1.416	ug/L 96
5) Vinyl chloride	1.32	62	13373	1.325	ug/L 98
6) Bromomethane	1.52	94	5781	1.387	ug/L 93
8) Chloroethane	1.59	64	7237	1.610	ug/L 100
9) Trichlorofluoromethane	1.76	101	22298	1.199	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11477	1.237	ug/L 96
12) 1,1-Dichloroethene	2.14	96	9862	1.191	ug/L 87
13) Acetone	2.19	43	13167	12.290	ug/L 91
14) Carbon disulfide	2.31	76	26883	1.254	ug/L 98
15) Methyl Acetate	2.46	43	4870	1.365	ug/L 90
16) Methylene chloride	2.53	84	13439	1.127	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	20879	0.922	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	10327	0.927	ug/L 100
19) 1,1-Dichloroethane	3.23	63	19233	1.021	ug/L 96
21) 2-Butanone	4.03	43	20769	9.611	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	11452	0.945	ug/L 97
23) Bromochloromethane	4.30	128	4461	0.808	ug/L 96
25) Chloroform	4.43	83	20726	0.986	ug/L 93
27) 1,2-Dichloroethane	5.19	62	11235	0.931	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	17873	0.904	ug/L 97
30) Cyclohexane	4.72	56	15661	1.044	ug/L 92
31) Carbon tetrachloride	4.87	117	17042	0.910	ug/L 94
33) Benzene	5.15	78	39714	0.896	ug/L 100
34) Trichloroethene	5.96	95	12526	0.976	ug/L 96
35) Methylcyclohexane	6.17	83	14595	0.859	ug/L 94
37) 1,2-Dichloropropane	6.22	63	10782	1.052	ug/L # 95
38) Bromodichloromethane	6.56	83	13882	0.952	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	13462	0.909	ug/L 86
40) 4-Methyl-2-pentanone	7.27	43	54378	9.864	ug/L 98

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

42) Toluene	7.43	91	44017	0.909	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	10022	0.864	ug/L #	82
45) 1,1,2-Trichloroethane	7.88	97	7150	0.844	ug/L	93
47) Tetrachloroethene	8.02	164	8799	0.761	ug/L	97
48) 2-Hexanone	8.19	43	36941	9.584	ug/L	98
49) Dibromochloromethane	8.29	129	7527	0.739	ug/L	96
50) 1,2-Dibromoethane	8.40	107	6818	0.877	ug/L #	85
51) Chlorobenzene	8.93	112	31053	0.915	ug/L	96
52) Ethylbenzene	9.06	91	47551	0.923	ug/L	100
53) m,p-xylene	9.18	106	17383	0.863	ug/L	84
54) o-xylene	9.59	106	16678	0.844	ug/L	95
55) Styrene	9.60	104	27117	0.835	ug/L	99
56) Isopropylbenzene	9.97	105	44071	0.850	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	8887	0.965	ug/L #	89
59) 1,2,3-Trichloropropane	10.32	75	6556	1.001	ug/L	92
61) Bromoform	9.78	173	3608	0.767	ug/L	92
62) 1,3-Dichlorobenzene	11.23	146	21016	0.915	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	21678	0.919	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	20542	0.914	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	1381	1.090	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	15120	0.800	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	10901	0.761	ug/L	96
69) Naphthalene	13.55	128	15153	0.705	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	9186	0.653	ug/L	86

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

