

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010575.D
 Acq On : 30 Apr 2019 15:34
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Quant Time: May 01 07:34:22 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	176664	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	175458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5101	0.58	ug/L	0.00
7) Chloroethane-d5	1.57	69	3911	0.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	9505	0.57	ug/L	0.00
20) 2-Butanone-d5	3.95	46	9400	4.27	ug/L	0.00
24) Chloroform-d	4.40	84	9354	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	5430	0.53	ug/L	0.00
32) Benzene-d6	5.10	84	17591	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5524	0.46	ug/L	0.00
41) Toluene-d8	7.36	98	17879	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2118	0.45	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	7698	3.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4212	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	6925	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7649	0.533 ug/L	96
3) Chloromethane	1.25	50	8141	0.752 ug/L	99
5) Vinyl chloride	1.32	62	7717	0.714 ug/L	97
6) Bromomethane	1.51	94	2725	0.610 ug/L	84
8) Chloroethane	1.58	64	3662	0.761 ug/L	91
9) Trichlorofluoromethane	1.76	101	11720	0.589 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6013	0.605 ug/L	94
12) 1,1-Dichloroethene	2.14	96	4862	0.548 ug/L	91
13) Acetone	2.19	43	7665	6.680 ug/L	95
14) Carbon disulfide	2.31	76	15349	0.669 ug/L	96
15) Methyl Acetate	2.46	43	2898	0.758 ug/L #	85
16) Methylene chloride	2.53	84	7931	0.621 ug/L	82
17) Methyl tert-butyl Ether	2.81	73	10270	0.424 ug/L	93
18) trans-1,2-Dichloroethene	2.78	96	5160	0.433 ug/L	89
19) 1,1-Dichloroethane	3.23	63	9821	0.487 ug/L	98
21) 2-Butanone	4.03	43	10995	4.750 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	6013	0.463 ug/L	86
23) Bromochloromethane	4.30	128	2327	0.393 ug/L #	79
25) Chloroform	4.42	83	11343	0.504 ug/L	89
27) 1,2-Dichloroethane	5.18	62	6146	0.476 ug/L #	95
29) 1,1,1-Trichloroethane	4.66	97	8938	0.439 ug/L	98
30) Cyclohexane	4.72	56	7817	0.507 ug/L #	25
31) Carbon tetrachloride	4.87	117	7979	0.414 ug/L	99
33) Benzene	5.14	78	21153	0.464 ug/L	100
34) Trichloroethene	5.96	95	6849	0.519 ug/L	91
35) Methylcyclohexane	6.17	83	8503	0.487 ug/L	98
37) 1,2-Dichloropropane	6.22	63	5212	0.495 ug/L #	89
38) Bromodichloromethane	6.56	83	6635	0.443 ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	6657	0.437 ug/L	87
40) 4-Methyl-2-pentanone	7.27	43	25168	4.440 ug/L	97

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

42) Toluene	7.43	91	21895	0.440	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	4859	0.408	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	3167	0.364	ug/L #	81
47) Tetrachloroethene	8.02	164	4877	0.410	ug/L	90
48) 2-Hexanone	8.19	43	18615	4.697	ug/L	98
49) Dibromochloromethane	8.29	129	4249	0.405	ug/L	81
50) 1,2-Dibromoethane	8.40	107	3040	0.380	ug/L #	88
51) Chlorobenzene	8.92	112	14909	0.427	ug/L	96
52) Ethylbenzene	9.05	91	23534	0.444	ug/L	99
53) m,p-xylene	9.18	106	8313	0.401	ug/L	100
54) o-xylene	9.59	106	8645	0.425	ug/L	84
55) Styrene	9.60	104	13029	0.390	ug/L	95
56) Isopropylbenzene	9.97	105	20582	0.386	ug/L	96
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	4862	0.514	ug/L	85
59) 1,2,3-Trichloropropane	10.32	75	3279	0.487	ug/L	99
61) Bromoform	9.77	173	2075	0.430	ug/L #	92
62) 1,3-Dichlorobenzene	11.23	146	11429	0.485	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	11109	0.459	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	10282	0.446	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	682	0.525	ug/L #	29
67) 1,3,5-Trichlorobenzene	12.69	180	7762	0.401	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	6121	0.417	ug/L	92
69) Naphthalene	13.56	128	9077	0.412	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	5492	0.381	ug/L	91

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

