

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011498.D
 Acq On : 14 Jun 2019 16:39
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.531

Quant Time: Jun 14 18:27:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 18:24:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183377	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167416	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7505	0.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	5117	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	14101	0.51	ug/L	0.00
20) 2-Butanone-d5	3.96	46	16944	5.42	ug/L	0.00
24) Chloroform-d	4.40	84	14017	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7439	0.56	ug/L	0.00
32) Benzene-d6	5.10	84	26102	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8125	0.53	ug/L	0.00
41) Toluene-d8	7.36	98	22677	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	2398	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	13605	5.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5799	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	7251	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8415	0.465 ug/L	99
3) Chloromethane	1.25	50	8934	0.511 ug/L	98
5) Vinyl chloride	1.32	62	8872	0.526 ug/L	98
6) Bromomethane	1.53	94	3383	0.385 ug/L	91
8) Chloroethane	1.59	64	4909	0.455 ug/L #	82
9) Trichlorofluoromethane	1.76	101	11090	0.479 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6014	0.506 ug/L	97
12) 1,1-Dichloroethene	2.13	96	5974	0.517 ug/L	89
13) Acetone	2.21	43	14470	6.899 ug/L	99
14) Carbon disulfide	2.31	76	15011	0.428 ug/L	96
15) Methyl Acetate	2.47	43	3671	0.659 ug/L #	88
16) Methylene chloride	2.53	84	6713	0.564 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	15816	0.513 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	6253	0.483 ug/L	99
19) 1,1-Dichloroethane	3.23	63	13186	0.517 ug/L	93
21) 2-Butanone	4.05	43	18037	5.584 ug/L #	69
22) cis-1,2-Dichloroethene	3.96	96	7149	0.499 ug/L	98
23) Bromochloromethane	4.30	128	2648	0.482 ug/L	91
25) Chloroform	4.42	83	12875	0.489 ug/L	95
27) 1,2-Dichloroethane	5.18	62	9391	0.583 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	9699	0.454 ug/L	92
30) Cyclohexane	4.72	56	12167	0.514 ug/L	92
31) Carbon tetrachloride	4.87	117	7989	0.448 ug/L	98
33) Benzene	5.14	78	25766	0.484 ug/L	100
34) Trichloroethene	5.96	95	6810	0.495 ug/L	94
35) Methylcyclohexane	6.17	83	10456	0.459 ug/L	95
37) 1,2-Dichloropropane	6.22	63	7532	0.568 ug/L #	93
38) Bromodichloromethane	6.56	83	7109	0.434 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	7158	0.369 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	45402	5.377 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	26891	0.474	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	5414	0.367	ug/L	88
45) 1,1,2-Trichloroethane	7.88	97	4588	0.541	ug/L	92
47) Tetrachloroethene	8.01	164	5154	0.518	ug/L	95
48) 2-Hexanone	8.19	43	29987	5.092	ug/L	99
49) Dibromochloromethane	8.29	129	3940	0.409	ug/L	99
50) 1,2-Dibromoethane	8.40	107	3875	0.480	ug/L #	92
51) Chlorobenzene	8.93	112	16966	0.490	ug/L	99
52) Ethylbenzene	9.05	91	27899	0.442	ug/L	99
53) m,p-xylene	9.18	106	9799	0.420	ug/L	99
54) o-xylene	9.59	106	9837	0.430	ug/L	90
55) Styrene	9.60	104	15168	0.407	ug/L	94
56) Isopropylbenzene	9.97	105	26205	0.425	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	5341	0.519	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	4206	0.544	ug/L	89
61) Bromoform	9.78	173	2096	0.500	ug/L #	89
62) 1,3-Dichlorobenzene	11.23	146	11210	0.486	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	11518	0.515	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	11158	0.523	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	819	0.536	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	7972	0.481	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	6121	0.486	ug/L	98
69) Naphthalene	13.55	128	10932	0.530	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	6026	0.534	ug/L	97

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

