

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010579.D
 Acq On : 30 Apr 2019 17:16
 Operator : SY/MD
 Sample : VSTD02039
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02039

Quant Time: May 01 07:36:12 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	5.67	114	220432	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233700	21.37	ug/L	0.00
7) Chloroethane-d5	1.57	69	117372	18.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	456245	22.05	ug/L	0.00
20) 2-Butanone-d5	3.94	46	596225	217.31	ug/L	0.00
24) Chloroform-d	4.40	84	540378	19.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	252232	19.58	ug/L	0.00
32) Benzene-d6	5.10	84	1069730	19.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	323809	20.80	ug/L	0.00
41) Toluene-d8	7.36	98	1071110	20.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125911	20.97	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	526111	211.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	235716	19.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	387646	18.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	391435	21.858	ug/L 96
3) Chloromethane	1.25	50	321912	23.837	ug/L 99
5) Vinyl chloride	1.32	62	346716	25.712	ug/L 99
6) Bromomethane	1.53	94	136582	24.516	ug/L 92
8) Chloroethane	1.59	64	140104	23.320	ug/L 96
9) Trichlorofluoromethane	1.76	101	554322	22.309	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	279469	22.538	ug/L 99
12) 1,1-Dichloroethene	2.14	96	252024	22.765	ug/L 97
13) Acetone	2.20	43	308678	215.582	ug/L 100
14) Carbon disulfide	2.31	76	699689	24.430	ug/L 97
15) Methyl Acetate	2.46	43	92567	19.411	ug/L 99
16) Methylene chloride	2.53	84	291575	18.303	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	636629	21.045	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	298035	20.025	ug/L 98
19) 1,1-Dichloroethane	3.23	63	541779	21.529	ug/L 96
21) 2-Butanone	4.03	43	665181	230.324	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	327337	20.211	ug/L 98
23) Bromochloromethane	4.30	128	131757	17.856	ug/L 96
25) Chloroform	4.43	83	568090	20.220	ug/L 99
27) 1,2-Dichloroethane	5.18	62	336526	20.877	ug/L 96
29) 1,1,1-Trichloroethane	4.66	97	510646	19.567	ug/L 100
30) Cyclohexane	4.72	56	504780	25.495	ug/L 96
31) Carbon tetrachloride	4.87	117	474461	19.205	ug/L 100
33) Benzene	5.15	78	1236867	21.136	ug/L 100
34) Trichloroethene	5.96	95	336165	19.856	ug/L 97
35) Methylcyclohexane	6.18	83	542748	24.217	ug/L 95
37) 1,2-Dichloropropane	6.22	63	303748	22.470	ug/L 99
38) Bromodichloromethane	6.56	83	394377	20.501	ug/L 94
39) cis-1,3-Dichloropropene	7.07	75	465455	23.813	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	1679787	230.912	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1431719	22.412	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	356949	23.330	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	212334	18.996	ug/L	93
47) Tetrachloroethene	8.02	164	273592	17.942	ug/L	94
48) 2-Hexanone	8.19	43	1213257	238.542	ug/L	96
49) Dibromochloromethane	8.29	129	273133	20.308	ug/L	94
50) 1,2-Dibromoethane	8.40	107	201442	19.641	ug/L	98
51) Chlorobenzene	8.93	112	914193	20.423	ug/L	98
52) Ethylbenzene	9.05	91	1576227	23.182	ug/L	99
53) m,p-xylene	9.18	106	631142	23.737	ug/L	99
54) o-xylene	9.59	106	611399	23.442	ug/L	95
55) Styrene	9.60	104	999808	23.321	ug/L	99
56) Isopropylbenzene	9.97	105	1592762	23.292	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	240599	19.807	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	173613	20.093	ug/L	100
61) Bromoform	9.77	173	137568	19.649	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	700290	20.469	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	705123	20.071	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	651323	19.459	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	37158	19.697	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	545137	19.377	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	433338	20.315	ug/L	100
69) Naphthalene	13.55	128	757103	23.669	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	399137	19.050	ug/L	97

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

