

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010604.D
 Acq On : 01 May 2019 14:02
 Operator : SY/MD
 Sample : VSTD02040
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02040

Quant Time: May 02 07:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 07:54:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	44967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101353	19.89	ug/L	0.00
7) Chloroethane-d5	1.58	69	54715	15.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	207436	20.91	ug/L	0.00
20) 2-Butanone-d5	3.95	46	273344	233.98	ug/L	-0.01
24) Chloroform-d	4.40	84	245122	22.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	116281	21.16	ug/L	0.00
32) Benzene-d6	5.10	84	497663	23.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	147557	23.15	ug/L	0.00
41) Toluene-d8	7.36	98	499120	24.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	57842	24.07	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	233153	242.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107397	22.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	172711	21.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	169743	20.871	ug/L 100
3) Chloromethane	1.25	50	136871	18.427	ug/L 97
5) Vinyl chloride	1.32	62	136154	18.299	ug/L 97
6) Bromomethane	1.54	94	71722	22.108	ug/L 98
8) Chloroethane	1.60	64	48551	13.804	ug/L 100
9) Trichlorofluoromethane	1.76	101	235099	19.639	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	116979	19.125	ug/L 97
12) 1,1-Dichloroethene	2.14	96	107487	20.166	ug/L 96
13) Acetone	2.21	43	131776	184.254	ug/L 98
14) Carbon disulfide	2.31	76	298500	19.800	ug/L 99
15) Methyl Acetate	2.47	43	44228	18.371	ug/L 94
16) Methylene chloride	2.53	84	126469	18.473	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	279001	22.828	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	131141	22.063	ug/L 100
19) 1,1-Dichloroethane	3.23	63	236753	21.384	ug/L 99
21) 2-Butanone	4.03	43	287663	225.281	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	144516	21.968	ug/L 95
23) Bromochloromethane	4.30	128	58282	21.991	ug/L 96
25) Chloroform	4.43	83	246996	20.860	ug/L 96
27) 1,2-Dichloroethane	5.18	62	144679	21.704	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	222482	21.955	ug/L 99
30) Cyclohexane	4.72	56	218125	23.306	ug/L 98
31) Carbon tetrachloride	4.87	117	203388	21.948	ug/L 98
33) Benzene	5.15	78	543626	22.719	ug/L 100
34) Trichloroethene	5.96	95	148470	21.383	ug/L 97
35) Methylcyclohexane	6.18	83	236556	24.406	ug/L 96
37) 1,2-Dichloropropane	6.22	63	130763	21.834	ug/L 99
38) Bromodichloromethane	6.56	83	171811	22.282	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	201697	24.625	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	722552	225.313	ug/L 98

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

42) Toluene	7.43	91	613462	22.861	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	154218	24.717	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	90789	22.695	ug/L	92
47) Tetrachloroethene	8.02	164	118751	22.328	ug/L	98
48) 2-Hexanone	8.19	43	513035	221.798	ug/L	95
49) Dibromochloromethane	8.29	129	117708	23.894	ug/L	97
50) 1,2-Dibromoethane	8.40	107	86291	22.519	ug/L #	99
51) Chlorobenzene	8.92	112	390201	22.167	ug/L	98
52) Ethylbenzene	9.05	91	675391	23.301	ug/L	99
53) m,p-xylene	9.18	106	269196	24.387	ug/L	98
54) o-xylene	9.59	106	258099	23.735	ug/L	97
55) Styrene	9.60	104	433600	24.390	ug/L	99
56) Isopropylbenzene	9.97	105	682329	24.438	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	103998	21.005	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	74070	20.737	ug/L	97
61) Bromoform	9.77	173	58773	23.165	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	303032	22.023	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	302084	21.751	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	283920	21.840	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15708	19.634	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	230802	22.822	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	184634	23.891	ug/L	97
69) Naphthalene	13.55	128	318766	25.700	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	167929	23.691	ug/L	99

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

