

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090519\
 Data File : VV012583.D
 Acq On : 05 Sep 2019 14:10
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Quant Time: Sep 06 02:44:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 02:40:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179385	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163876	9.29	ug/L	0.00
7) Chloroethane-d5	1.58	69	148054	8.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	393661	9.16	ug/L	0.00
20) 2-Butanone-d5	3.96	46	348821	104.23	ug/L	0.00
24) Chloroform-d	4.40	84	250273	9.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	131030	9.27	ug/L	0.00
32) Benzene-d6	5.10	84	465195	9.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	146674	9.31	ug/L	0.00
41) Toluene-d8	7.36	98	439372	9.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	53235	9.31	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	240772	112.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104797	9.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	142160	8.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	191164	8.356 ug/L	99
3) Chloromethane	1.25	50	255274	9.386 ug/L	100
5) Vinyl chloride	1.32	62	272715	9.265 ug/L	100
6) Bromomethane	1.53	94	156993	8.952 ug/L	96
8) Chloroethane	1.60	64	176967	8.749 ug/L	100
9) Trichlorofluoromethane	1.77	101	415881	9.223 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	229706	9.099 ug/L	97
12) 1,1-Dichloroethene	2.14	96	222103	9.519 ug/L	97
13) Acetone	2.23	43	409580	87.902 ug/L	98
14) Carbon disulfide	2.32	76	702351	9.332 ug/L	99
15) Methyl Acetate	2.47	43	106938	9.316 ug/L	96
16) Methylene chloride	2.53	84	226830	8.488 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	368341	9.351 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	171658	9.194 ug/L	99
19) 1,1-Dichloroethane	3.23	63	333725	9.289 ug/L	98
21) 2-Butanone	4.05	43	463143	102.821 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	177769	9.272 ug/L	# 96
23) Bromochloromethane	4.30	128	71794	9.272 ug/L	97
25) Chloroform	4.42	83	334878	8.850 ug/L	98
27) 1,2-Dichloroethane	5.18	62	225253	10.230 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	275709	9.370 ug/L	98
30) Cyclohexane	4.72	56	309001	10.200 ug/L	98
31) Carbon tetrachloride	4.87	117	244865	9.512 ug/L	98
33) Benzene	5.14	78	727027	9.978 ug/L	100
34) Trichloroethene	5.96	95	186052	9.178 ug/L	99
35) Methylcyclohexane	6.17	83	303614	9.893 ug/L	98
37) 1,2-Dichloropropane	6.22	63	180033	9.183 ug/L	98
38) Bromodichloromethane	6.55	83	231348	9.395 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	250212	10.004 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	1187079	105.525 ug/L	100

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

42) Toluene	7.43	91	792943	9.976	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	195098	9.796	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	117400	9.561	ug/L	97
47) Tetrachloroethene	8.02	164	139863	9.606	ug/L	99
48) 2-Hexanone	8.19	43	872250	110.070	ug/L	99
49) Dibromochloromethane	8.29	129	142959	9.911	ug/L	98
50) 1,2-Dibromoethane	8.40	107	107886	9.846	ug/L #	96
51) Chlorobenzene	8.92	112	466128	9.400	ug/L	97
52) Ethylbenzene	9.05	91	859544	10.023	ug/L	98
53) m,p-xylene	9.18	106	323923	10.371	ug/L	99
54) o-xylene	9.59	106	306525	10.431	ug/L	99
55) Styrene	9.60	104	527419	10.523	ug/L	99
56) Isopropylbenzene	9.97	105	828652	10.231	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	132943	9.781	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	105349	9.645	ug/L	99
61) Bromoform	9.77	173	68482	9.644	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	360608	9.618	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	353414	9.221	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	326144	9.474	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	20720	8.964	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	245947	9.066	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	190481	9.802	ug/L	99
69) Naphthalene	13.55	128	316504	11.042	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	186203	10.439	ug/L	97

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

