

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090519\
 Data File : VV012582.D
 Acq On : 05 Sep 2019 13:44
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00533

Quant Time: Sep 06 02:44:06 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	153078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77614	5.16	ug/L	0.00
7) Chloroethane-d5	1.58	69	71961	4.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	190720	5.20	ug/L	0.00
20) 2-Butanone-d5	3.96	46	150321	52.64	ug/L	0.00
24) Chloroform-d	4.40	84	120891	5.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	61703	5.12	ug/L	0.00
32) Benzene-d6	5.09	84	218397	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	68659	5.00	ug/L	0.00
41) Toluene-d8	7.36	98	203392	5.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	23670	4.75	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	95203	51.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48000	4.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	64031	4.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	93245	4.776	ug/L 100
3) Chloromethane	1.25	50	119427	5.146	ug/L 100
5) Vinyl chloride	1.32	62	125333	4.990	ug/L 100
6) Bromomethane	1.53	94	74871	5.003	ug/L 100
8) Chloroethane	1.60	64	84227	4.880	ug/L 100
9) Trichlorofluoromethane	1.77	101	190626	4.954	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107792	5.003	ug/L 100
12) 1,1-Dichloroethene	2.14	96	104516	5.249	ug/L 100
13) Acetone	2.23	43	189623	47.690	ug/L 100
14) Carbon disulfide	2.32	76	330454	5.145	ug/L 100
15) Methyl Acetate	2.47	43	53071	5.418	ug/L 100
16) Methylene chloride	2.53	84	113275	4.967	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	169653	5.047	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	81555	5.119	ug/L 100
19) 1,1-Dichloroethane	3.23	63	156891	5.117	ug/L 100
21) 2-Butanone	4.05	43	197814	51.463	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	80510	4.921	ug/L 100
23) Bromochloromethane	4.30	128	34359	5.200	ug/L 100
25) Chloroform	4.42	83	161878	5.013	ug/L 100
27) 1,2-Dichloroethane	5.18	62	101627	5.409	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	126822	4.946	ug/L 100
30) Cyclohexane	4.72	56	133512	5.057	ug/L 100
31) Carbon tetrachloride	4.87	117	112410	5.011	ug/L 100
33) Benzene	5.14	78	336317	5.297	ug/L 100
34) Trichloroethene	5.96	95	88041	4.984	ug/L 100
35) Methylcyclohexane	6.17	83	134438	5.027	ug/L 100
37) 1,2-Dichloropropane	6.22	63	85795	5.022	ug/L 100
38) Bromodichloromethane	6.55	83	107462	5.008	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	107060	4.912	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	520137	53.058	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	366944	5.297	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	86165	4.965	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	54068	5.053	ug/L	100
47) Tetrachloroethene	8.02	164	63624	5.015	ug/L	100
48) 2-Hexanone	8.19	43	380219	55.058	ug/L	100
49) Dibromochloromethane	8.29	129	63834	5.078	ug/L	100
50) 1,2-Dibromoethane	8.39	107	48716	5.102	ug/L	100
51) Chlorobenzene	8.92	112	213672	4.944	ug/L	100
52) Ethylbenzene	9.05	91	376738	5.041	ug/L	100
53) m,p-xylene	9.18	106	139459	5.124	ug/L	100
54) o-xylene	9.59	106	131395	5.131	ug/L	100
55) Styrene	9.60	104	231018	5.289	ug/L	100
56) Isopropylbenzene	9.97	105	357160	5.060	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	56912	4.805	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	48622	5.108	ug/L	100
61) Bromoform	9.77	173	30532	5.015	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	161063	5.011	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	155054	4.719	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	147405	4.994	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9403	4.745	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	105121	4.519	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	76324	4.581	ug/L	100
69) Naphthalene	13.55	128	105359	4.287	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	74054	4.842	ug/L	100

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

