

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082919\
 Data File : VV012442.D
 Acq On : 29 Aug 2019 20:08
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Aug 30 05:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 30 05:22:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	244325	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	233470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120370	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	405687	68.09	ug/L	0.00
7) Chloroethane-d5	1.58	69	292674	61.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	672894	37.38	ug/L	0.00
20) 2-Butanone-d5	3.96	46	926807	238.06	ug/L	0.00
24) Chloroform-d	4.40	84	702525	27.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	339396	31.61	ug/L	0.00
32) Benzene-d6	5.10	84	1421861	40.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	438758	30.25	ug/L	0.00
41) Toluene-d8	7.36	98	1327962	38.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	168617	31.32	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	743430	265.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	311594	23.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	461663	24.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	644353	18.543	ug/L 99
3) Chloromethane	1.25	50	606686	20.839	ug/L 99
5) Vinyl chloride	1.32	62	574761	21.344	ug/L 99
6) Bromomethane	1.54	94	307658	21.595	ug/L 98
8) Chloroethane	1.60	64	303558	21.341	ug/L 100
9) Trichlorofluoromethane	1.77	101	759474	20.676	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	375175	20.930	ug/L 99
12) 1,1-Dichloroethene	2.14	96	353561	20.731	ug/L 97
13) Acetone	2.22	43	590978	207.980	ug/L 98
14) Carbon disulfide	2.32	76	1080858	20.930	ug/L 100
15) Methyl Acetate	2.47	43	153785	22.095	ug/L 98
16) Methylene chloride	2.53	84	362910	19.597	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	1017826	20.089	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	464258	19.880	ug/L 100
19) 1,1-Dichloroethane	3.23	63	899800	19.618	ug/L 99
21) 2-Butanone	4.04	43	1281072	221.117	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	513377	20.521	ug/L 98
23) Bromochloromethane	4.30	128	207022	19.578	ug/L 97
25) Chloroform	4.42	83	877219	18.340	ug/L 99
27) 1,2-Dichloroethane	5.18	62	536097	19.876	ug/L 98
29) 1,1,1-Trichloroethane	4.65	97	757853	19.837	ug/L 99
30) Cyclohexane	4.72	56	867396	22.346	ug/L 98
31) Carbon tetrachloride	4.87	117	669367	19.949	ug/L 98
33) Benzene	5.14	78	1990694	20.609	ug/L 100
34) Trichloroethene	5.96	95	503105	20.100	ug/L 99
35) Methylcyclohexane	6.17	83	864707	22.550	ug/L 96
37) 1,2-Dichloropropane	6.22	63	506015	20.554	ug/L 99
38) Bromodichloromethane	6.55	83	627296	19.839	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	748138	23.013	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	3122137	222.424	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2104213	21.181	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	573101	22.630	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	326659	19.821	ug/L	99
47) Tetrachloroethene	8.02	164	403288	19.784	ug/L	99
48) 2-Hexanone	8.18	43	2210298	228.596	ug/L	99
49) Dibromochloromethane	8.29	129	400057	20.488	ug/L	99
50) 1,2-Dibromoethane	8.40	107	302925	20.313	ug/L	99
51) Chlorobenzene	8.92	112	1299178	20.435	ug/L	98
52) Ethylbenzene	9.05	91	2363048	22.145	ug/L	99
53) m,p-xylene	9.18	106	892699	22.458	ug/L	99
54) o-xylene	9.59	106	870527	22.822	ug/L	94
55) Styrene	9.60	104	1474883	22.988	ug/L	99
56) Isopropylbenzene	9.97	105	2329959	22.929	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	389857	19.851	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	279512	19.965	ug/L	99
61) Bromoform	9.77	173	221319	19.419	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1041593	20.256	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1024582	19.909	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	953827	19.852	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	62244	18.588	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	819068	20.749	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	670399	21.975	ug/L	99
69) Naphthalene	13.55	128	1109431	23.666	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	617965	21.034	ug/L	99

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

