

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012518.D
 Acq On : 02 Sep 2019 10:13
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

Quant Time: Sep 03 01:48:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 01:44:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76566	5.24	ug/L	0.00
7) Chloroethane-d5	1.58	69	72239	6.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	189836	7.18	ug/L	0.00
20) 2-Butanone-d5	3.97	46	151585	51.93	ug/L	0.00
24) Chloroform-d	4.40	84	116370	4.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59341	4.97	ug/L	0.00
32) Benzene-d6	5.10	84	217916	4.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	68122	4.64	ug/L	0.00
41) Toluene-d8	7.36	98	202651	4.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24406	4.71	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	98153	48.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47949	4.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	68833	4.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	99814	4.744	ug/L 100
3) Chloromethane	1.25	50	125293	5.703	ug/L 100
5) Vinyl chloride	1.32	62	133115	6.225	ug/L 100
6) Bromomethane	1.54	94	78730	6.631	ug/L 100
8) Chloroethane	1.60	64	88440	7.282	ug/L 100
9) Trichlorofluoromethane	1.77	101	203284	7.050	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113010	7.638	ug/L 100
12) 1,1-Dichloroethene	2.14	96	106690	7.617	ug/L 100
13) Acetone	2.23	43	210244	82.445	ug/L 100
14) Carbon disulfide	2.32	76	331684	7.721	ug/L 100
15) Methyl Acetate	2.47	43	54271	8.558	ug/L 100
16) Methylene chloride	2.53	84	118210	7.359	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	178376	5.293	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	82819	5.268	ug/L 100
19) 1,1-Dichloroethane	3.23	63	159497	5.204	ug/L 100
21) 2-Butanone	4.05	43	208023	53.074	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	84413	5.176	ug/L 100
23) Bromochloromethane	4.30	128	34105	4.881	ug/L 100
25) Chloroform	4.42	83	160307	4.998	ug/L 100
27) 1,2-Dichloroethane	5.18	62	101376	5.547	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	127624	5.047	ug/L 100
30) Cyclohexane	4.72	56	135768	5.273	ug/L 100
31) Carbon tetrachloride	4.87	117	109535	4.926	ug/L 100
33) Benzene	5.14	78	339574	5.223	ug/L 100
34) Trichloroethene	5.96	95	87003	5.228	ug/L 100
35) Methylcyclohexane	6.18	83	135527	5.354	ug/L 100
37) 1,2-Dichloropropane	6.22	63	84187	5.002	ug/L 100
38) Bromodichloromethane	6.55	83	109061	5.156	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	115703	5.272	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	542631	55.912	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	364096	5.455	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	90872	5.307	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	55650	4.953	ug/L	100
47) Tetrachloroethene	8.02	164	64840	4.943	ug/L	100
48) 2-Hexanone	8.19	43	387207	58.529	ug/L	100
49) Dibromochloromethane	8.29	129	62818	4.921	ug/L	100
50) 1,2-Dibromoethane	8.40	107	50124	5.074	ug/L	100
51) Chlorobenzene	8.92	112	219215	5.189	ug/L	100
52) Ethylbenzene	9.05	91	394416	5.554	ug/L	100
53) m,p-xylene	9.18	106	143024	5.558	ug/L	100
54) o-xylene	9.59	106	136627	5.418	ug/L	100
55) Styrene	9.60	104	237318	5.631	ug/L	100
56) Isopropylbenzene	9.97	105	379178	5.675	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	63600	4.863	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	47835	5.072	ug/L	100
61) Bromoform	9.77	173	30816	4.405	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	167735	5.190	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	167385	5.160	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	152021	5.005	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	9895	4.825	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	122400	5.082	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	91236	5.165	ug/L	100
69) Naphthalene	13.55	128	130483	5.117	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	82222	4.933	ug/L	100

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

