

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082919\
 Data File : VV012440.D
 Acq On : 29 Aug 2019 19:13
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Quant Time: Aug 30 05:25:29 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	220926	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215181	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95331	17.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	70004	16.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	158947	9.76	ug/L	0.00
20) 2-Butanone-d5	3.96	46	207111	58.83	ug/L	0.00
24) Chloroform-d	4.40	84	169828	7.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	81638	8.41	ug/L	0.00
32) Benzene-d6	5.10	84	328908	10.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	101779	7.61	ug/L	0.00
41) Toluene-d8	7.36	98	308107	9.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	36566	7.37	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	147322	57.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72970	5.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	100604	6.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	154873	4.929	ug/L 100
3) Chloromethane	1.25	50	146258	5.556	ug/L 100
5) Vinyl chloride	1.32	62	136785	5.618	ug/L 100
6) Bromomethane	1.54	94	74165	5.757	ug/L 100
8) Chloroethane	1.60	64	73613	5.723	ug/L 100
9) Trichlorofluoromethane	1.77	101	180465	5.433	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90251	5.568	ug/L 100
12) 1,1-Dichloroethene	2.14	96	83285	5.401	ug/L 100
13) Acetone	2.23	43	144691	56.313	ug/L 100
14) Carbon disulfide	2.32	76	257210	5.508	ug/L 100
15) Methyl Acetate	2.47	43	36916	5.866	ug/L 100
16) Methylene chloride	2.53	84	88343	5.276	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	235767	5.146	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	108938	5.159	ug/L 100
19) 1,1-Dichloroethane	3.23	63	213785	5.155	ug/L 100
21) 2-Butanone	4.05	43	284786	54.361	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	115996	5.128	ug/L 100
23) Bromochloromethane	4.30	128	50125	5.242	ug/L 100
25) Chloroform	4.42	83	215842	4.991	ug/L 100
27) 1,2-Dichloroethane	5.18	62	127016	5.208	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	181764	5.162	ug/L 100
30) Cyclohexane	4.72	56	184060	5.145	ug/L 100
31) Carbon tetrachloride	4.87	117	156404	5.058	ug/L 100
33) Benzene	5.14	78	469421	5.273	ug/L 100
34) Trichloroethene	5.96	95	117571	5.097	ug/L 100
35) Methylcyclohexane	6.17	83	183585	5.194	ug/L 100
37) 1,2-Dichloropropane	6.22	63	120690	5.319	ug/L 100
38) Bromodichloromethane	6.55	83	148478	5.095	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	159509	5.324	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	716652	55.394	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	496052	5.418	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	122697	5.257	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	77326	5.091	ug/L	100
47) Tetrachloroethene	8.02	164	94524	5.031	ug/L	100
48) 2-Hexanone	8.19	43	510223	57.254	ug/L	100
49) Dibromochloromethane	8.29	129	93266	5.182	ug/L	100
50) 1,2-Dibromoethane	8.40	107	71214	5.181	ug/L	100
51) Chlorobenzene	8.92	112	300488	5.128	ug/L	100
52) Ethylbenzene	9.05	91	521520	5.303	ug/L	100
53) m,p-xylene	9.18	106	199164	5.436	ug/L	100
54) o-xylene	9.59	106	187235	5.326	ug/L	100
55) Styrene	9.60	104	331531	5.607	ug/L	100
56) Isopropylbenzene	9.97	105	505267	5.395	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	93167	5.147	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	65671	5.089	ug/L	100
61) Bromoform	9.77	173	49787	4.900	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	235350	5.134	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	232827	5.075	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	216599	5.057	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	13905	4.658	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	172633	4.906	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	128521	4.726	ug/L	100
69) Naphthalene	13.55	128	185959	4.450	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	126339	4.824	ug/L	100

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

