

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010513.D
 Acq On : 26 Apr 2019 19:57
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Apr 26 22:25:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 22:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	218774	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58629	4.68	ug/L	0.00
7) Chloroethane-d5	1.58	69	28524	3.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	110725	4.62	ug/L	0.00
20) 2-Butanone-d5	3.95	46	161807	57.92	ug/L	0.00
24) Chloroform-d	4.41	84	159539	5.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	75718	5.60	ug/L	0.00
32) Benzene-d6	5.10	84	306871	5.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	85721	5.36	ug/L	0.00
41) Toluene-d8	7.36	98	304936	5.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	31985	5.10	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	149922	60.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	70186	5.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	122632	5.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	95482	5.525	ug/L 100
3) Chloromethane	1.26	50	57625	4.372	ug/L 100
5) Vinyl chloride	1.32	62	64802	4.516	ug/L 100
6) Bromomethane	1.54	94	31757	3.538	ug/L 100
8) Chloroethane	1.60	64	24113	3.165	ug/L 100
9) Trichlorofluoromethane	1.77	101	129255	4.791	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	64451	4.616	ug/L 100
12) 1,1-Dichloroethene	2.14	96	57260	4.512	ug/L 100
13) Acetone	2.21	43	77133	48.446	ug/L 100
14) Carbon disulfide	2.32	76	143896	4.236	ug/L 100
15) Methyl Acetate	2.47	43	22674	5.267	ug/L 100
16) Methylene chloride	2.53	84	82366	5.505	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	166826	5.361	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	82329	5.615	ug/L 100
19) 1,1-Dichloroethane	3.23	63	136459	5.785	ug/L 100
21) 2-Butanone	4.04	43	159242	55.623	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	85135	5.569	ug/L 100
23) Bromochloromethane	4.30	128	41009	5.999	ug/L 100
25) Chloroform	4.43	83	152800	5.577	ug/L 100
27) 1,2-Dichloroethane	5.18	62	88102	5.464	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	135959	5.187	ug/L 100
30) Cyclohexane	4.73	56	102180	4.724	ug/L 100
31) Carbon tetrachloride	4.88	117	131615	5.497	ug/L 100
33) Benzene	5.15	78	308958	5.344	ug/L 100
34) Trichloroethene	5.96	95	87395	5.252	ug/L 100
35) Methylcyclohexane	6.18	83	112236	4.671	ug/L 100
37) 1,2-Dichloropropane	6.22	63	72830	5.175	ug/L 100
38) Bromodichloromethane	6.56	83	99074	5.255	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	103770	5.056	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	406685	51.590	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	351961	5.336	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	82085	5.152	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	60171	5.723	ug/L	100
47) Tetrachloroethene	8.02	164	82436	5.457	ug/L	100
48) 2-Hexanone	8.19	43	291699	53.184	ug/L	100
49) Dibromochloromethane	8.29	129	76444	5.656	ug/L	100
50) 1,2-Dibromoethane	8.40	107	57200	5.651	ug/L	100
51) Chlorobenzene	8.93	112	236416	5.261	ug/L	100
52) Ethylbenzene	9.06	91	364975	5.057	ug/L	100
53) m,p-xylene	9.18	106	143395	5.085	ug/L	100
54) o-xylene	9.59	106	143078	5.117	ug/L	100
55) Styrene	9.60	104	244993	5.369	ug/L	100
56) Isopropylbenzene	9.97	105	374287	5.074	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	68593	5.690	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	47000	5.404	ug/L	100
61) Bromoform	9.78	173	39938	5.574	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	190029	5.181	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	192965	5.204	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	188108	5.353	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10529	5.382	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	158868	5.262	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	121826	5.307	ug/L	100
69) Naphthalene	13.55	128	183187	5.314	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	123961	5.589	ug/L	100

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

