

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101819\
 Data File : VV013197.D
 Acq On : 18 Oct 2019 10:48
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Quant Time: Oct 18 12:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 11:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	495819	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	517785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	272287	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27590	0.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	22188	0.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	43842	0.55	ug/L	0.00
20) 2-Butanone-d5	4.00	46	25210	2.55	ug/L	0.03
24) Chloroform-d	4.40	84	50775	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	24177	0.52	ug/L	0.00
32) Benzene-d6	5.09	84	97307	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	29449	0.52	ug/L	0.00
41) Toluene-d8	7.35	98	78488	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9600	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	31596	4.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22030	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	30322	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	36536	0.582 ug/L	100
3) Chloromethane	1.25	50	37816	0.599 ug/L	97
5) Vinyl chloride	1.32	62	30960	0.577 ug/L	88
6) Bromomethane	1.53	94	18195	0.607 ug/L	99
8) Chloroethane	1.60	64	17777	0.578 ug/L	99
9) Trichlorofluoromethane	1.77	101	45281	0.591 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	25448	0.588 ug/L	98
12) 1,1-Dichloroethene	2.14	96	24323	0.591 ug/L	95
14) Carbon disulfide	2.31	76	70627	0.608 ug/L	96
15) Methyl Acetate	2.48	43	6524	0.503 ug/L	95
16) Methylene chloride	2.53	84	30418	0.566 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	61333	0.576 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	30968	0.588 ug/L	96
19) 1,1-Dichloroethane	3.23	63	56127	0.586 ug/L	98
21) 2-Butanone	4.06	43	16962	1.494 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	30666	0.573 ug/L #	92
23) Bromochloromethane	4.30	128	15366	0.621 ug/L	93
25) Chloroform	4.42	83	63657	0.606 ug/L	95
27) 1,2-Dichloroethane	5.18	62	31321	0.570 ug/L #	95
29) 1,1,1-Trichloroethane	4.65	97	46073	0.573 ug/L	99
30) Cyclohexane	4.71	56	41901	0.542 ug/L	98
31) Carbon tetrachloride	4.87	117	40382	0.571 ug/L	99
33) Benzene	5.14	78	114939	0.558 ug/L	100
34) Trichloroethene	5.96	95	31130	0.577 ug/L	97
35) Methylcyclohexane	6.17	83	38971	0.514 ug/L	94
37) 1,2-Dichloropropane	6.22	63	27156	0.540 ug/L #	94
38) Bromodichloromethane	6.55	83	37564	0.579 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	34077	0.531 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	136793	5.265 ug/L	97
42) Toluene	7.43	91	109623	0.529 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) trans-1,3-Dichloropropene	7.69	75	26875	0.536	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	21106	0.594	ug/L	88
47) Tetrachloroethene	8.02	164	26530	0.561	ug/L	98
48) 2-Hexanone	8.19	43	98713	5.228	ug/L	94
49) Dibromochloromethane	8.29	129	22833	0.549	ug/L	96
50) 1,2-Dibromoethane	8.39	107	17405	0.551	ug/L #	99
51) Chlorobenzene	8.92	112	75874	0.557	ug/L	99
52) Ethylbenzene	9.05	91	110578	0.531	ug/L	98
53) m,p-xylene	9.18	106	38687	0.504	ug/L	96
54) o-xylene	9.58	106	39132	0.519	ug/L	92
55) Styrene	9.60	104	63081	0.512	ug/L	94
56) Isopropylbenzene	9.97	105	100401	0.511	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	22802	0.554	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	17312	0.587	ug/L	100
61) Bromoform	9.77	173	13320	0.583	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	54535	0.564	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	54811	0.567	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	53568	0.575	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3801	0.615	ug/L	81
67) 1,3,5-Trichlorobenzene	12.69	180	40164	0.571	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	34929	0.583	ug/L	97
69) Naphthalene	13.55	128	54051	0.609	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	38711	0.633	ug/L	99

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

