

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101819\
 Data File : VW013619.D
 Acq On : 18 Oct 2019 12:34
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Quant Time: Oct 18 12:59:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 11:37:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331099	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189022	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21898	5.78	ug/L	0.00
7) Chloroethane-d5	2.89	69	20488	7.04	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	47784	6.08	ug/L	0.00
20) 2-Butanone-d5	7.09	46	13706	12.01	ug/L	0.00
24) Chloroform-d	7.65	84	49365	6.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	26066	7.00	ug/L	0.00
29) Benzene-d6	8.27	84	106365	6.11	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	30977	6.00	ug/L	0.00
37) Toluene-d8	10.32	98	97536	5.91	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13022	5.66	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10975	10.63	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25104	6.07	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	36075	5.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	17710	9.816 ug/L	94
3) Chloromethane	2.21	50	19205	6.058 ug/L	100
5) Vinyl chloride	2.37	62	23645	5.272 ug/L	95
6) Bromomethane	2.78	94	18087	6.584 ug/L	100
8) Chloroethane	2.93	64	16677	6.629 ug/L	91
9) Trichlorofluoromethane	3.26	101	16050	6.865 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	26471	6.379 ug/L	99
12) 1,1-Dichloroethene	4.04	96	25257	6.077 ug/L #	83
13) Acetone	4.12	43	18701	14.255 ug/L	98
14) Carbon disulfide	4.39	76	71176	5.612 ug/L	99
15) Methyl Acetate	4.67	43	13010	6.357 ug/L	97
16) Methylene chloride	4.92	84	33099	6.600 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	37709	5.646 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	28365	6.395 ug/L	91
19) 1,1-Dichloroethane	6.21	63	48776	6.550 ug/L	99
21) 2-Butanone	7.17	43	21856	13.618 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	30191	6.365 ug/L	93
23) Bromochloromethane	7.51	128	13822	6.507 ug/L	90
25) Chloroform	7.67	83	49094	6.683 ug/L	99
27) 1,2-Dichloroethane	8.40	62	31709	6.825 ug/L	98
30) Cyclohexane	7.96	56	44813	5.247 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	36816	5.628 ug/L	100
32) Carbon tetrachloride	8.07	117	35674	5.685 ug/L	99
34) Benzene	8.32	78	114471	5.834 ug/L	100
35) Trichloroethene	9.09	95	29811	5.824 ug/L	97
36) Methylcyclohexane	9.34	83	49193	5.285 ug/L	96
40) 1,2-Dichloropropane	9.37	63	28081	5.941 ug/L	99
41) Bromodichloromethane	9.64	83	33328	5.740 ug/L #	94
42) cis-1,3-Dichloropropene	10.07	75	42381	5.589 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	38698	11.733 ug/L	100

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44) Toluene	10.38	91	120614	5.672	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	34251	5.720	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	21649	6.033	ug/L	94
47) Tetrachloroethene	10.86	164	26554	5.692	ug/L	93
49) 2-Hexanone	10.97	43	25467	10.624	ug/L	98
50) Dibromochloromethane	11.13	129	24276	5.746	ug/L	92
51) 1,2-Dibromoethane	11.23	107	20843	5.913	ug/L	99
52) Chlorobenzene	11.66	112	79277	5.874	ug/L	99
53) Ethylbenzene	11.73	91	134626	5.719	ug/L	100
54) m,p-Xylene	11.84	106	51844	5.646	ug/L	95
55) o-xylene	12.16	106	48435	5.651	ug/L	97
56) Styrene	12.18	104	83124	5.694	ug/L	99
57) Isopropylbenzene	12.46	105	129576	5.573	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	25190	5.942	ug/L #	99
59) 1,2,3-Trichloropropane	12.77	75	18986	5.998	ug/L	100
62) Bromoform	12.35	173	15795	5.195	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	63076	4.980	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	65040	5.158	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	57154	5.018	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	3794	4.826	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.63	180	45623	4.772	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	37353	4.714	ug/L	98
69) Naphthalene	15.37	128	64569	4.474	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	34161	4.842	ug/L	98

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

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