

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007915.D
 Acq On : 26 Dec 2018 09:51
 Operator : SY/AP
 Sample : VSTD02583
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Quant Time: Dec 26 10:32:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 26 08:03:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	83351	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	40873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23802	39.60	ug/L	0.00
7) Chloroethane-d5	2.90	69	16181	31.79	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	61243	29.54	ug/L	0.00
20) 2-Butanone-d5	7.08	46	18867	49.80	ug/L	0.00
24) Chloroform-d	7.65	84	58280	26.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	35001	28.25	ug/L	0.00
29) Benzene-d6	8.27	84	111810	24.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	30397	23.53	ug/L	0.00
37) Toluene-d8	10.32	98	109161	25.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	17243	26.11	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	15847	50.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29182	24.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	38300	26.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	25451	25.254 ug/L	94
3) Chloromethane	2.22	50	19595	24.289 ug/L	98
5) Vinyl chloride	2.37	62	26790	35.198 ug/L	95
6) Bromomethane	2.79	94	15537	29.513 ug/L	97
8) Chloroethane	2.93	64	13459	29.376 ug/L	100
9) Trichlorofluoromethane	3.26	101	21492	24.599 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	29735	25.530 ug/L	97
12) 1,1-Dichloroethene	4.03	96	27869	25.716 ug/L	97
13) Acetone	4.12	43	20528	46.596 ug/L	99
14) Carbon disulfide	4.37	76	90013	28.447 ug/L	99
15) Methyl Acetate	4.67	43	15134	22.909 ug/L #	89
16) Methylene chloride	4.91	84	34427	23.089 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	49440	28.056 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	30072	25.865 ug/L	96
19) 1,1-Dichloroethane	6.21	63	49594	25.025 ug/L	97
21) 2-Butanone	7.17	43	22405	47.316 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	31457	24.587 ug/L	99
23) Bromochloromethane	7.51	128	14145	24.252 ug/L	96
25) Chloroform	7.67	83	55617	25.937 ug/L	100
27) 1,2-Dichloroethane	8.40	62	41267	26.922 ug/L #	95
30) Cyclohexane	7.95	56	49170	24.590 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	50794	25.892 ug/L	99
32) Carbon tetrachloride	8.07	117	49681	26.206 ug/L	99
34) Benzene	8.32	78	116208	24.323 ug/L	100
35) Trichloroethene	9.09	95	33325	24.325 ug/L	99
36) Methylcyclohexane	9.34	83	58649	24.799 ug/L	100
40) 1,2-Dichloropropane	9.37	63	27234	23.304 ug/L	100
41) Bromodichloromethane	9.65	83	40211	23.963 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	46626	23.757 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	42994	46.480 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	129463	25.141	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	44365	25.740	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	23185	24.093	ug/L	94
47) Tetrachloroethene	10.87	164	27018	26.108	ug/L	96
49) 2-Hexanone	10.97	43	30999	47.682	ug/L	99
50) Dibromochloromethane	11.13	129	28833	24.390	ug/L	97
51) 1,2-Dibromoethane	11.24	107	23915	24.745	ug/L	94
52) Chlorobenzene	11.66	112	83522	24.991	ug/L	94
53) Ethylbenzene	11.73	91	149541	25.826	ug/L	96
54) m,p-Xylene	11.84	106	56429	25.654	ug/L	85
55) o-xylene	12.17	106	53634	25.802	ug/L	92
56) Styrene	12.18	104	91568	25.698	ug/L	94
57) Isopropylbenzene	12.47	105	151824	26.169	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	28205	23.643	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	23305	24.680	ug/L	98
62) Bromoform	12.35	173	16739	23.914	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	67287	25.625	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	67685	25.856	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	61085	25.994	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	6054	24.323	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	49963	26.267	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	42439	25.879	ug/L	99
69) Naphthalene	15.38	128	99067	24.440	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	37898	25.420	ug/L	98

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

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