

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007308.D
 Acq On : 07 Dec 2018 14:32
 Operator : SY/AP
 Sample : VSTD02594
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02594

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:08:38 PM

Quant Time: Dec 07 15:08:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 14:13:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	142953	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	125064	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	58500	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26111	21.47	ug/L	0.00
7) Chloroethane-d5	2.89	69	19704	22.59	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	82073	25.90	ug/L	-0.01
20) 2-Butanone-d5	7.08	46	30611	62.16	ug/L	0.00
24) Chloroform-d	7.65	84	85380	28.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	47436	27.37	ug/L	0.00
29) Benzene-d6	8.27	84	169155	28.47	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	47848	28.10	ug/L	0.00
37) Toluene-d8	10.32	98	155308	24.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	24258	29.15	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	23583	59.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44162	28.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	54420	24.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	37972	14.534	ug/L 98
3) Chloromethane	2.22	50	28592	15.668	ug/L 98
5) Vinyl chloride	2.37	62	29651	18.152	ug/L 99
6) Bromomethane	2.78	94	19674	20.994	ug/L 97
8) Chloroethane	2.92	64	16866	19.160	ug/L 95
9) Trichlorofluoromethane	3.26	101	33034	10.794	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	41388	22.916	ug/L 98
12) 1,1-Dichloroethene	4.03	96	41139	25.851	ug/L 89
13) Acetone	4.12	43	29949	86.799	ug/L 97
14) Carbon disulfide	4.37	76	120382	21.375	ug/L 99
15) Methyl Acetate	4.67	43	25009m	29.231	ug/L
16) Methylene chloride	4.91	84	45156	19.758	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	67761	16.567	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	43581	24.768	ug/L 100
19) 1,1-Dichloroethane	6.21	63	73554	25.272	ug/L 99
21) 2-Butanone	7.17	43	35599	67.208	ug/L 95
22) cis-1,2-Dichloroethene	7.17	96	46998	24.979	ug/L 96
23) Bromochloromethane	7.51	128	21728	26.541	ug/L 90
25) Chloroform	7.67	83	80149	25.382	ug/L 100
27) 1,2-Dichloroethane	8.40	62	57263	27.336	ug/L 98
30) Cyclohexane	7.96	56	69608	25.535	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	69543	26.854	ug/L 99
32) Carbon tetrachloride	8.07	117	67054	28.529	ug/L 100
34) Benzene	8.32	78	167940	25.914	ug/L 100
35) Trichloroethene	9.09	95	47094	26.802	ug/L 99
36) Methylcyclohexane	9.34	83	82182	25.189	ug/L 99
40) 1,2-Dichloropropane	9.37	63	41285	26.558	ug/L 100
41) Bromodichloromethane	9.65	83	58605	28.796	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	69455	28.131	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	67556	58.730	ug/L 98

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44) Toluene	10.39	91	184379	23.744	ug/L	94
45) trans-1,3-Dichloropropene	10.60	75	61928	28.549	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	33705	27.533	ug/L	94
47) Tetrachloroethene	10.86	164	35919	23.401	ug/L	95
49) 2-Hexanone	10.97	43	47214	60.636	ug/L #	95
50) Dibromochloromethane	11.13	129	42156	28.272	ug/L	99
51) 1,2-Dibromoethane	11.24	107	33795	27.243	ug/L #	98
52) Chlorobenzene	11.66	112	118688	23.184	ug/L	97
53) Ethylbenzene	11.73	91	203914	22.650	ug/L	96
54) m,p-Xylene	11.85	106	78335	22.300	ug/L	92
55) o-xylene	12.17	106	73404	22.533	ug/L	98
56) Styrene	12.19	104	128453	23.317	ug/L	94
57) Isopropylbenzene	12.47	105	208874	23.058	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	44902	28.864	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	34391	28.288	ug/L	98
62) Bromoform	12.35	173	25563	31.913	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	91998	23.898	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	97062	25.067	ug/L	88
65) 1,2-Dichlorobenzene	13.88	146	84763	24.063	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	8989	31.467	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	67301	23.278	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	56916	23.158	ug/L	97
69) Naphthalene	15.38	128	144763	27.663	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	53528	24.959	ug/L	98

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

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