

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113018\
 Data File : VW007144.D
 Acq On : 30 Nov 2018 15:09
 Operator : SY/AP
 Sample : VSTD00587
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00587

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:52:42 AM

Quant Time: Nov 30 15:33:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:13:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	155745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	150562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	77611	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	6789	5.11	ug/L	0.00
7) Chloroethane-d5	2.88	69	4761	4.96	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.02	63	18027	5.21	ug/L	-0.01
20) 2-Butanone-d5	7.08	46	4492	7.71	ug/L	0.00
24) Chloroform-d	7.65	84	16421	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	9525	4.97	ug/L	0.00
29) Benzene-d6	8.27	84	36295	5.09	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	10246	4.96	ug/L	0.00
37) Toluene-d8	10.32	98	38409	5.09	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	4775	4.74	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3918	7.48	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	8471	4.33	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	14624	5.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	15016	5.255 ug/L	100
3) Chloromethane	2.22	50	10472	5.225 ug/L	99
5) Vinyl chloride	2.36	62	9195	5.144 ug/L	96
6) Bromomethane	2.77	94	5199	5.153 ug/L	99
8) Chloroethane	2.92	64	5109	5.410 ug/L	93
9) Trichlorofluoromethane	3.26	101	17195	5.129 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	10383m	5.254 ug/L	
12) 1,1-Dichloroethene	4.04	96	8761	5.029 ug/L	98
13) Acetone	4.13	43	3907	9.462 ug/L	67
14) Carbon disulfide	4.39	76	29404	4.738 ug/L	99
15) Methyl Acetate	4.68	43	3949	3.871 ug/L	99
16) Methylene chloride	4.92	84	14151	5.785 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	21356	4.675 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	9642	4.961 ug/L	91
19) 1,1-Dichloroethane	6.23	63	16384	5.157 ug/L	95
21) 2-Butanone	7.18	43	5014	7.891 ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	10407	5.063 ug/L	94
23) Bromochloromethane	7.52	128	4426	4.893 ug/L #	92
25) Chloroform	7.68	83	17986	5.212 ug/L	98
27) 1,2-Dichloroethane	8.40	62	11112	4.795 ug/L	99
30) Cyclohexane	7.96	56	16087	4.848 ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	15498	4.955 ug/L	99
32) Carbon tetrachloride	8.07	117	13831	4.902 ug/L	97
34) Benzene	8.32	78	37702	4.819 ug/L	100
35) Trichloroethene	9.09	95	10131	4.750 ug/L	97
36) Methylcyclohexane	9.34	83	19118	4.854 ug/L	99
40) 1,2-Dichloropropane	9.37	63	9191	4.875 ug/L	100
41) Bromodichloromethane	9.65	83	12138	4.953 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	14178	4.730 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	11019	7.330 ug/L	95

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44) Toluene	10.39	91	46731	5.000	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	11841	4.440	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	6858	4.521	ug/L	96
47) Tetrachloroethene	10.87	164	9226	4.962	ug/L	97
49) 2-Hexanone	10.97	43	7709	7.616	ug/L	98
50) Dibromochloromethane	11.13	129	8311	4.550	ug/L	99
51) 1,2-Dibromoethane	11.24	107	6761	4.410	ug/L #	96
52) Chlorobenzene	11.66	112	30803	5.013	ug/L	96
53) Ethylbenzene	11.73	91	54207	5.002	ug/L	98
54) m,p-Xylene	11.84	106	21537	5.118	ug/L	97
55) o-xylene	12.17	106	19159	4.847	ug/L	92
56) Styrene	12.18	104	33077	4.992	ug/L	94
57) Isopropylbenzene	12.47	105	54949	5.082	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	8234	4.155	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	6444	4.155	ug/L	96
62) Bromoform	12.35	173	4460	4.057	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	24830	4.855	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	25427	4.972	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	22699	4.830	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1410	3.405	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	18877	4.927	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	15702	4.812	ug/L	99
69) Naphthalene	15.38	128	28777	3.967	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	13413	4.644	ug/L	98

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

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