

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004399.D
 Acq On : 02 Aug 2018 13:17
 Operator : SY/AP
 Sample : VSTD00590
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00590

Quant Time: Aug 02 14:26:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 14:26:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1063111	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1048413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	508384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70991	8.57	ug/L	0.00
7) Chloroethane-d5	2.89	69	56352	6.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	141844	5.93	ug/L	0.00
20) 2-Butanone-d5	7.09	46	46851	9.12	ug/L	0.00
24) Chloroform-d	7.65	84	147198	5.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	80035	5.44	ug/L	0.00
29) Benzene-d6	8.28	84	275499	5.09	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	89545	5.34	ug/L	0.00
37) Toluene-d8	10.33	98	238737	4.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	36317	4.48	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	30354	7.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91799	5.24	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	97287	5.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	54056	5.568 ug/L	99
3) Chloromethane	2.21	50	69114	7.502 ug/L	97
5) Vinyl chloride	2.36	62	97056	8.534 ug/L	98
6) Bromomethane	2.78	94	56287	6.911 ug/L	100
8) Chloroethane	2.92	64	56906	7.116 ug/L	96
9) Trichlorofluoromethane	3.25	101	44556	4.673 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	73677	5.242 ug/L	97
12) 1,1-Dichloroethene	4.03	96	71415	5.411 ug/L	92
13) Acetone	4.14	43	43445	9.669 ug/L	98
14) Carbon disulfide	4.37	76	230182	5.896 ug/L	97
15) Methyl Acetate	4.68	43	44979	5.021 ug/L	96
16) Methylene chloride	4.91	84	118882	7.075 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	92000	4.438 ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	72850	5.085 ug/L	91
19) 1,1-Dichloroethane	6.21	63	141661	5.688 ug/L	100
21) 2-Butanone	7.18	43	56636	9.248 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	75710	4.795 ug/L	99
23) Bromochloromethane	7.51	128	39221	5.289 ug/L	89
25) Chloroform	7.68	83	144502	5.515 ug/L	99
27) 1,2-Dichloroethane	8.40	62	95695	5.407 ug/L	100
30) Cyclohexane	7.96	56	104487	4.220 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	109765	4.778 ug/L	99
32) Carbon tetrachloride	8.07	117	105204	4.702 ug/L	98
34) Benzene	8.32	78	310570	5.110 ug/L	100
35) Trichloroethene	9.09	95	78794	4.843 ug/L	99
36) Methylcyclohexane	9.34	83	128206	4.418 ug/L	97
40) 1,2-Dichloropropane	9.37	63	82721	5.426 ug/L	100
41) Bromodichloromethane	9.65	83	98443	4.991 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	104569	4.373 ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	97709	7.916 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	307033	4.698	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	94747	4.413	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	64883	5.161	ug/L	96
47) Tetrachloroethene	10.87	164	62181	4.451	ug/L	99
49) 2-Hexanone	10.98	43	73858	8.051	ug/L	96
50) Dibromochloromethane	11.13	129	68947	4.502	ug/L	99
51) 1,2-Dibromoethane	11.24	107	58952	4.731	ug/L	99
52) Chlorobenzene	11.66	112	213629	4.911	ug/L	98
53) Ethylbenzene	11.74	91	337476	4.564	ug/L	99
54) m,p-Xylene	11.85	106	125678	4.494	ug/L	92
55) o-xylene	12.17	106	115720	4.381	ug/L	100
56) Styrene	12.19	104	198140	4.333	ug/L	100
57) Isopropylbenzene	12.47	105	312263	4.216	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	88079	5.103	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	65049	4.895	ug/L	97
62) Bromoform	12.35	173	43429	4.579	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	154021	4.697	ug/L	97
64) 1,4-Dichlorobenzene	13.59	146	170057	5.041	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	157145	5.069	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	14711	4.816	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	123831	4.763	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	94016	4.258	ug/L	99
69) Naphthalene	15.38	128	180375	3.615	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	92846	4.545	ug/L	100

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

