

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004226.D
 Acq On : 26 Jul 2018 12:48
 Operator : SY/AP
 Sample : VSTD02587
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02587

Quant Time: Jul 26 13:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 26 12:17:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	393123	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	185003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86745	22.31	ug/L	0.00
7) Chloroethane-d5	2.89	69	63006	22.48	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	211493	22.67	ug/L	0.00
20) 2-Butanone-d5	7.09	46	105661	46.34	ug/L	0.00
24) Chloroform-d	7.65	84	232960	24.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	140199	24.95	ug/L	0.00
29) Benzene-d6	8.27	84	466739	27.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	148825	26.31	ug/L	0.00
37) Toluene-d8	10.33	98	446713	29.31	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	70069	28.19	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	82293	54.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	154690	24.96	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	160212	26.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58802	23.36	ug/L	# 86
3) Chloromethane	2.21	50	93774	23.30	ug/L	95
5) Vinyl chloride	2.36	62	114822	18.95	ug/L	96
6) Bromomethane	2.78	94	65423	20.34	ug/L	98
8) Chloroethane	2.92	64	62950	19.82	ug/L	99
9) Trichlorofluoromethane	3.25	101	56845	18.83	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	110300	20.55	ug/L	96
12) 1,1-Dichloroethene	4.03	96	106538	20.36	ug/L	85
13) Acetone	4.12	43	107167	43.23	ug/L	100
14) Carbon disulfide	4.37	76	349325	20.63	ug/L	99
15) Methyl Acetate	4.67	43	88901	21.02	ug/L	99
16) Methylene chloride	4.91	84	117681	15.60	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	221290	21.87	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	114582	21.27	ug/L	97
19) 1,1-Dichloroethane	6.21	63	227502	22.20	ug/L	97
21) 2-Butanone	7.18	43	140320	45.62	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	133109	23.12	ug/L	97
23) Bromochloromethane	7.51	128	61745	22.80	ug/L	96
25) Chloroform	7.68	83	234573	22.41	ug/L	100
27) 1,2-Dichloroethane	8.40	62	171721	22.26	ug/L	97
30) Cyclohexane	7.96	56	214991	24.11	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	182497	21.95	ug/L	98
32) Carbon tetrachloride	8.07	117	177059	22.07	ug/L	99
34) Benzene	8.32	78	529111	23.61	ug/L	100
35) Trichloroethene	9.09	95	134136	22.37	ug/L	98
36) Methylcyclohexane	9.34	83	236517	23.86	ug/L	100
40) 1,2-Dichloropropane	9.37	63	140284	23.09	ug/L	99
41) Bromodichloromethane	9.65	83	172622	23.08	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	208839	24.39	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	257632	48.23	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	559828	23.84	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	192584	24.39	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	110290	23.36	ug/L	99
47) Tetrachloroethene	10.87	164	108846	22.51	ug/L	98
49) 2-Hexanone	10.98	43	207810	50.26	ug/L	99
50) Dibromochloromethane	11.13	129	124612	23.56	ug/L	94
51) 1,2-Dibromoethane	11.24	107	107303	23.27	ug/L	95
52) Chlorobenzene	11.66	112	345504	22.94	ug/L	97
53) Ethylbenzene	11.74	91	602265	23.69	ug/L	98
54) m,p-Xylene	11.85	106	228365	24.37	ug/L	97
55) o-xylene	12.17	106	215189	24.01	ug/L	98
56) Styrene	12.19	104	382164	24.68	ug/L	99
57) Isopropylbenzene	12.47	105	593525	24.16	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	150670	22.32	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	119665	22.90	ug/L	100
62) Bromoform	12.35	173	80152	22.96	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	261539	22.95	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	280038	22.92	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	266213	23.97	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	29094	22.47	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	207451	23.02	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	169820	23.50	ug/L	98
69) Naphthalene	15.38	128	409036	25.14	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	168718	24.54	ug/L	100

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

