

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103018\
 Data File : VW006465.D
 Acq On : 29 Oct 2018 19:24
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Oct 30 04:58:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 30 04:53:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	292680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276777	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	151874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89008	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
7) Chloroethane-d5	2.90	69	78183	27.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.08%
10) 1,1-Dichloroethene-d2	4.02	63	167167	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.48%
20) 2-Butanone-d5	7.08	46	61639	56.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.68%
24) Chloroform-d	7.65	84	167542	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.31	65	92576	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	8.27	84	330021	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	9.27	67	93711	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.84%
37) Toluene-d8	10.33	98	328371	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
38) trans-1,3-Dichloropropene-	10.58	79	42951	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.93	63	51280	55.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103903	28.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	137185	26.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	88941	32.152 ug/L	96
3) Chloromethane	2.21	50	76874	28.298 ug/L	100
5) Vinyl chloride	2.37	62	119272	27.241 ug/L	98
6) Bromomethane	2.78	94	89813	26.343 ug/L	99
8) Chloroethane	2.93	64	76130	28.367 ug/L	98
9) Trichlorofluoromethane	3.26	101	109746	31.330 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	105889	30.236 ug/L	99
12) 1,1-Dichloroethene	4.04	96	96820	28.813 ug/L #	81
13) Acetone	4.13	43	61469	55.612 ug/L	99
14) Carbon disulfide	4.38	76	273128	24.864 ug/L	99
15) Methyl Acetate	4.67	43	55033	30.739 ug/L	95
16) Methylene chloride	4.92	84	99277	26.273 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	145142	26.535 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	103344	27.779 ug/L	98
19) 1,1-Dichloroethane	6.21	63	165093	27.422 ug/L	100
21) 2-Butanone	7.18	43	79699	54.265 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	112409	27.700 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	54486	28.546	ug/L	94
25) Chloroform	7.68	83	181865	28.063	ug/L	100
27) 1,2-Dichloroethane	8.40	62	122503	27.733	ug/L	99
30) Cyclohexane	7.96	56	154709	25.432	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	162940	28.133	ug/L	99
32) Carbon tetrachloride	8.07	117	160093	28.186	ug/L	99
34) Benzene	8.32	78	394314	27.752	ug/L	100
35) Trichloroethene	9.09	95	113684	28.437	ug/L	99
36) Methylcyclohexane	9.34	83	199655	27.257	ug/L	98
40) 1,2-Dichloropropane	9.37	63	94590	26.836	ug/L	100
41) Bromodichloromethane	9.65	83	125493	26.366	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	147328	25.591	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	155353	55.005	ug/L	97
44) Toluene	10.39	91	444705	27.874	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	132429	26.335	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	83949	28.601	ug/L	98
47) Tetrachloroethene	10.87	164	109146	29.495	ug/L	96
49) 2-Hexanone	10.97	43	117278	56.343	ug/L	96
50) Dibromochloromethane	11.13	129	101130	26.881	ug/L	98
51) 1,2-Dibromoethane	11.24	107	87242	28.555	ug/L	99
52) Chlorobenzene	11.66	112	303331	28.095	ug/L	97
53) Ethylbenzene	11.74	91	515411	27.750	ug/L	99
54) m,p-Xylene	11.84	106	202187	27.771	ug/L	97
55) o-xylene	12.17	106	191815	27.593	ug/L	100
56) Styrene	12.18	104	327007	27.317	ug/L	99
57) Isopropylbenzene	12.47	105	546415	28.250	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	116982	30.669	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	88137	30.970	ug/L	100
62) Bromoform	12.35	173	70331	27.637	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	260607	27.942	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	263500	28.056	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	244003	28.439	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20637	29.882	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	212752	28.299	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	180334	28.131	ug/L	99
69) Naphthalene	15.38	128	383313	29.533	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	165600	28.754	ug/L	98

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

