

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005380.D
 Acq On : 14 Sep 2018 10:36
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Quant Time: Sep 14 23:14:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336848	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	328418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	174235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90027	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
7) Chloroethane-d5	2.89	69	69576	25.31	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
10) 1,1-Dichloroethene-d2	4.03	63	175788	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.28%
20) 2-Butanone-d5	7.10	46	57873	39.52	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.04%
24) Chloroform-d	7.66	84	176447	28.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.36%
26) 1,2-Dichloroethane-d4	8.31	65	109353	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.88%
29) Benzene-d6	8.28	84	353978	26.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.40%
33) 1,2-Dichloropropane-d6	9.28	67	101611	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.00%
37) Toluene-d8	10.33	98	368861	27.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.48%
38) trans-1,3-Dichloropropene-	10.59	79	51517	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.44%
39) 2-Hexanone-d5	10.93	63	50210	42.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.70%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	97441	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	142946	27.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.36%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	175735	25.31	ug/L	99
3) Chloromethane	2.22	50	155649	24.34	ug/L	98
5) Vinyl chloride	2.36	62	150286	24.67	ug/L	98
6) Bromomethane	2.79	94	84000	26.62	ug/L	99
8) Chloroethane	2.93	64	81633	25.23	ug/L	96
9) Trichlorofluoromethane	3.27	101	193654	24.41	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	106669	24.61	ug/L	97
12) 1,1-Dichloroethene	4.05	96	94210	25.70	ug/L	98
13) Acetone	4.16	43	51028	37.12	ug/L	68
14) Carbon disulfide	4.39	76	334118	23.22	ug/L	100
15) Methyl Acetate	4.70	43	56928	18.77	ug/L	98
16) Methylene chloride	4.93	84	122481	19.15	ug/L	97
17) Methyl tert-butyl Ether	5.44	73	248529	24.42	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	103365	25.25	ug/L	96
19) 1,1-Dichloroethane	6.23	63	190342	25.45	ug/L	99
21) 2-Butanone	7.19	43	75702	35.93	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	110989	25.41	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	49238	24.18	ug/L	96
25) Chloroform	7.68	83	202456	25.74	ug/L	100
27) 1,2-Dichloroethane	8.41	62	149320	24.45	ug/L	97
30) Cyclohexane	7.96	56	186198	25.11	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	188241	25.21	ug/L	99
32) Carbon tetrachloride	8.07	117	170664	24.64	ug/L	99
34) Benzene	8.34	78	461560	25.23	ug/L	100
35) Trichloroethene	9.10	95	120015	24.71	ug/L	100
36) Methylcyclohexane	9.34	83	214286	25.42	ug/L	98
40) 1,2-Dichloropropane	9.37	63	108791	24.09	ug/L	100
41) Bromodichloromethane	9.65	83	145543	25.14	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	173724	26.04	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	171224	39.65	ug/L	99
44) Toluene	10.40	91	542398	25.87	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	161749	25.88	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	84991	23.97	ug/L	100
47) Tetrachloroethene	10.87	164	108933	24.77	ug/L	99
49) 2-Hexanone	10.98	43	135784	42.77	ug/L	99
50) Dibromochloromethane	11.13	129	103748	24.49	ug/L	95
51) 1,2-Dibromoethane	11.24	107	80161	23.03	ug/L	97
52) Chlorobenzene	11.66	112	345542	25.26	ug/L	96
53) Ethylbenzene	11.74	91	622097	25.51	ug/L	99
54) m,p-Xylene	11.85	106	238132	26.08	ug/L	99
55) o-xylene	12.17	106	221805	25.87	ug/L	99
56) Styrene	12.19	104	387034	26.16	ug/L	100
57) Isopropylbenzene	12.47	105	617322	25.92	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	106598	21.87	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	88405	21.22	ug/L	100
62) Bromoform	12.35	173	66683	22.84	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	279394	25.22	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	289043	25.28	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	262321	24.73	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22150	19.25	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	218473	24.90	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	178836	24.66	ug/L	100
69) Naphthalene	15.38	128	355006	22.35	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	167961	24.65	ug/L	99

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

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