

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081118\
 Data File : VW004558.D
 Acq On : 09 Aug 2018 15:38
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02585

Quant Time: Aug 10 02:08:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 02:02:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	725440	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	707179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	369228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	175490	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
7) Chloroethane-d5	2.89	69	155173	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
10) 1,1-Dichloroethene-d2	4.02	63	399538	21.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.20%
20) 2-Butanone-d5	7.09	46	200645	50.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.86%
24) Chloroform-d	7.65	84	428520	21.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.28%
26) 1,2-Dichloroethane-d4	8.31	65	231878	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.72%
29) Benzene-d6	8.28	84	797830	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	263591	21.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.76%
37) Toluene-d8	10.33	98	717036	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	107042	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	155676	52.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	317999	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	296551	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	183042	24.27	ug/L	93
3) Chloromethane	2.22	50	211063	21.19	ug/L	98
5) Vinyl chloride	2.37	62	333743	25.67	ug/L	98
6) Bromomethane	2.78	94	177383	23.59	ug/L	97
8) Chloroethane	2.93	64	195822	25.11	ug/L	97
9) Trichlorofluoromethane	3.26	101	153724	25.92	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	256496	24.91	ug/L	94
12) 1,1-Dichloroethene	4.03	96	253770	25.23	ug/L	98
13) Acetone	4.14	43	205033	59.48	ug/L	99
14) Carbon disulfide	4.37	76	759887	24.63	ug/L	99
15) Methyl Acetate	4.67	43	175491	24.98	ug/L	100
16) Methylene chloride	4.91	84	306482	21.27	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	330930	24.31	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	255299	24.82	ug/L	98
19) 1,1-Dichloroethane	6.21	63	490773	25.14	ug/L	99
21) 2-Butanone	7.18	43	241487	51.18	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	282498	25.16	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	129766	24.15	ug/L	98
25) Chloroform	7.68	83	493985	24.79	ug/L	100
27) 1,2-Dichloroethane	8.40	62	319071	23.84	ug/L	97
30) Cyclohexane	7.96	56	435661	26.05	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	390683	26.00	ug/L	99
32) Carbon tetrachloride	8.07	117	367067	25.35	ug/L	99
34) Benzene	8.32	78	1089862	25.00	ug/L	100
35) Trichloroethene	9.09	95	269025	24.53	ug/L	99
36) Methylcyclohexane	9.34	83	495250	25.72	ug/L	98
40) 1,2-Dichloropropane	9.37	63	289183	25.04	ug/L	99
41) Bromodichloromethane	9.65	83	333646	24.05	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	385603	24.41	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	442945	51.16	ug/L	99
44) Toluene	10.39	91	1147941	26.16	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	352968	24.86	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	224258	24.98	ug/L	99
47) Tetrachloroethene	10.87	164	224079	25.82	ug/L	98
49) 2-Hexanone	10.98	43	351524	54.02	ug/L	99
50) Dibromochloromethane	11.13	129	244541	24.56	ug/L	99
51) 1,2-Dibromoethane	11.24	107	214797	24.96	ug/L	100
52) Chlorobenzene	11.66	112	735601	24.79	ug/L	99
53) Ethylbenzene	11.74	91	1278079	25.92	ug/L	100
54) m,p-Xylene	11.85	106	486895	26.47	ug/L	99
55) o-xylene	12.17	106	455987	26.16	ug/L	99
56) Styrene	12.19	104	819157	26.97	ug/L	98
57) Isopropylbenzene	12.47	105	1283614	27.21	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	328216	25.19	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	247590	25.44	ug/L	99
62) Bromoform	12.35	173	160876	23.97	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	562566	24.49	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	593407	24.03	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	556565	24.18	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	55715	23.56	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	453328	24.89	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	363465	24.67	ug/L	99
69) Naphthalene	15.38	128	839571	24.99	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	366799	25.56	ug/L	99

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

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