

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\
 Data File : VW006892.D
 Acq On : 15 Nov 2018 11:19
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02590

Quant Time: Nov 16 04:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:38:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	176029	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	166915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	79012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38150	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	28205	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.36%
10) 1,1-Dichloroethene-d2	4.03	63	97890	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.80%
20) 2-Butanone-d5	7.09	46	35301	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
24) Chloroform-d	7.65	84	88932	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.31	65	52541	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.28	84	193358	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.28	67	58683	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	10.33	98	199675	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.58	79	26725	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	10.93	63	28869	43.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	52535	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	65969	22.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	60558	24.668	ug/L 100
3) Chloromethane	2.21	50	49235	25.695	ug/L 94
5) Vinyl chloride	2.36	62	48997	25.138	ug/L 97
6) Bromomethane	2.78	94	23972	27.356	ug/L 99
8) Chloroethane	2.93	64	26734	25.452	ug/L 97
9) Trichlorofluoromethane	3.27	101	88397	25.517	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	57757	24.925	ug/L 99
12) 1,1-Dichloroethene	4.04	96	50032	24.879	ug/L 98
13) Acetone	4.14	43	24857	44.799	ug/L 98
14) Carbon disulfide	4.39	76	171385	23.674	ug/L 98
15) Methyl Acetate	4.68	43	32075	23.740	ug/L 98
16) Methylene chloride	4.92	84	63952	20.776	ug/L 91
17) Methyl tert-butyl Ether	5.43	73	142020	26.227	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	56349	24.543	ug/L 98
19) 1,1-Dichloroethane	6.22	63	94824	25.301	ug/L 99
21) 2-Butanone	7.18	43	42145	44.023	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	59844	25.527	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	25606	26.797	ug/L	97
25) Chloroform	7.68	83	105974	24.455	ug/L	100
27) 1,2-Dichloroethane	8.40	62	68222	26.773	ug/L	97
30) Cyclohexane	7.96	56	103740	23.442	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	93640	25.209	ug/L	99
32) Carbon tetrachloride	8.07	117	82262	25.197	ug/L	99
34) Benzene	8.33	78	226313	24.244	ug/L	100
35) Trichloroethene	9.09	95	62225	24.474	ug/L	99
36) Methylcyclohexane	9.34	83	116410	23.820	ug/L	99
40) 1,2-Dichloropropane	9.37	63	57583	25.039	ug/L	99
41) Bromodichloromethane	9.65	83	73777	26.150	ug/L	95
42) cis-1,3-Dichloropropene	10.08	75	90764	26.140	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	89237	49.520	ug/L	100
44) Toluene	10.39	91	268754	25.145	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	78225	26.659	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	43807	24.880	ug/L	98
47) Tetrachloroethene	10.87	164	48593	24.996	ug/L	96
49) 2-Hexanone	10.97	43	67774	50.798	ug/L	98
50) Dibromochloromethane	11.13	129	49794	26.207	ug/L	98
51) 1,2-Dibromoethane	11.24	107	43482	25.965	ug/L	92
52) Chlorobenzene	11.66	112	171116	25.454	ug/L	99
53) Ethylbenzene	11.74	91	310686	24.424	ug/L	98
54) m,p-Xylene	11.84	106	119462	24.555	ug/L	97
55) o-xylene	12.17	106	110513	24.799	ug/L	97
56) Styrene	12.19	104	189694	25.679	ug/L	97
57) Isopropylbenzene	12.47	105	304203	24.383	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	57718	25.838	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	44617	25.646	ug/L	99
62) Bromoform	12.35	173	28000	28.239	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	130043	25.389	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	129978	25.421	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	119970	26.043	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	10827	25.353	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	87366	25.100	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	71509	25.210	ug/L	99
69) Naphthalene	15.38	128	169247	24.891	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	64249	25.478	ug/L	99

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

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