

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080519\
 Data File : VW011701.D
 Acq On : 05 Aug 2019 09:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Aug 06 04:36:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 02:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	404110	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174129	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117756	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	91097	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
10) 1,1-Dichloroethene-d2	4.02	63	297852	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.32%
20) 2-Butanone-d5	7.07	46	114036	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
24) Chloroform-d	7.65	84	253419	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	8.31	65	150626	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
29) Benzene-d6	8.27	84	503912	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	9.27	67	164673	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.32	98	445207	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	10.58	79	71133	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.40%
39) 2-Hexanone-d5	10.93	63	76411	45.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136767	22.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	149160	22.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	121329	26.789	ug/L	98
3) Chloromethane	2.21	50	138574	23.523	ug/L	99
5) Vinyl chloride	2.36	62	185955	24.741	ug/L	99
6) Bromomethane	2.78	94	86822	24.502	ug/L	100
8) Chloroethane	2.92	64	99643	25.348	ug/L	97
9) Trichlorofluoromethane	3.26	101	104527	27.300	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	149621	25.776	ug/L	95
12) 1,1-Dichloroethene	4.04	96	144099	24.827	ug/L	92
13) Acetone	4.12	43	127852	46.591	ug/L	96
14) Carbon disulfide	4.38	76	459846	24.326	ug/L	99
15) Methyl Acetate	4.67	43	106947	23.836	ug/L	100
16) Methylene chloride	4.92	84	154918	24.565	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	248562	25.717	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	149830	24.986	ug/L	98
19) 1,1-Dichloroethane	6.21	63	304536	25.422	ug/L	99
21) 2-Butanone	7.17	43	168203	48.889	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	161346	25.718	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	67598	25.324	ug/L	95
25) Chloroform	7.67	83	283121	25.642	ug/L	100
27) 1,2-Dichloroethane	8.40	62	209314	25.608	ug/L	98
30) Cyclohexane	7.95	56	317659	25.547	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	226905	26.033	ug/L	98
32) Carbon tetrachloride	8.07	117	212759	25.947	ug/L	100
34) Benzene	8.32	78	639803	25.524	ug/L	100
35) Trichloroethene	9.09	95	160917	25.287	ug/L	100
36) Methylcyclohexane	9.34	83	293705	25.441	ug/L	99
40) 1,2-Dichloropropane	9.37	63	170649	25.504	ug/L	100
41) Bromodichloromethane	9.65	83	203904	25.824	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	263114	26.290	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	299838	49.458	ug/L	100
44) Toluene	10.38	91	657428	25.815	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	214961	25.815	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	116090	25.448	ug/L	98
47) Tetrachloroethene	10.86	164	122853	25.275	ug/L	97
49) 2-Hexanone	10.97	43	230970	49.450	ug/L	100
50) Dibromochloromethane	11.13	129	131632	26.178	ug/L	95
51) 1,2-Dibromoethane	11.24	107	111186	25.047	ug/L	97
52) Chlorobenzene	11.66	112	388744	25.301	ug/L	99
53) Ethylbenzene	11.73	91	741357	26.103	ug/L	99
54) m,p-Xylene	11.84	106	269158	26.063	ug/L	100
55) o-xylene	12.16	106	254040	26.138	ug/L	96
56) Styrene	12.18	104	438155	26.517	ug/L	98
57) Isopropylbenzene	12.46	105	701054	26.219	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	151453	24.983	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	115353	24.671	ug/L	99
62) Bromoform	12.35	173	77156	24.767	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297653	25.186	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	294328	24.799	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	269159	25.151	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	26562	23.981	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	224100	25.762	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	185558	26.487	ug/L	99
69) Naphthalene	15.37	128	368711	26.135	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	164978	25.427	ug/L	98

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

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