

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041619\
 Data File : VW010009.D
 Acq On : 16 Apr 2019 21:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Apr 17 00:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	630213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	603360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294843	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	162839	27.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.36%
7) Chloroethane-d5	2.89	69	137281	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	422832	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.40%
20) 2-Butanone-d5	7.07	46	132562	41.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.30%
24) Chloroform-d	7.65	84	423292	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	252437	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.32%
29) Benzene-d6	8.27	84	793345	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	249012	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	10.32	98	752810	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.56%
38) trans-1,3-Dichloropropene-	10.58	79	116815	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	10.93	63	107511	45.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	221736	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	260101	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	221283	25.026	ug/L	99
3) Chloromethane	2.22	50	194514	24.136	ug/L	100
5) Vinyl chloride	2.37	62	226116	29.826	ug/L	99
6) Bromomethane	2.78	94	137353	24.533	ug/L	98
8) Chloroethane	2.93	64	139137	25.564	ug/L	97
9) Trichlorofluoromethane	3.25	101	136226	21.826	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	209543	25.785	ug/L	96
12) 1,1-Dichloroethene	4.04	96	206192	27.100	ug/L	90
13) Acetone	4.12	43	115626	40.361	ug/L	97
14) Carbon disulfide	4.38	76	618502	28.677	ug/L	100
15) Methyl Acetate	4.67	43	129221	22.348	ug/L	99
16) Methylene chloride	4.91	84	238652	20.914	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	269899	24.238	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	218379	25.361	ug/L	97
19) 1,1-Dichloroethane	6.21	63	435998	25.402	ug/L	99
21) 2-Butanone	7.17	43	172681	46.032	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	239872	25.669	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	107865	24.785	ug/L	98
25) Chloroform	7.67	83	440804	25.099	ug/L	100
27) 1,2-Dichloroethane	8.40	62	333305	24.650	ug/L	99
30) Cyclohexane	7.95	56	392620	28.792	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	338928	26.898	ug/L	100
32) Carbon tetrachloride	8.07	117	332928	26.910	ug/L	100
34) Benzene	8.32	78	949676	26.719	ug/L	100
35) Trichloroethene	9.09	95	241051	26.083	ug/L	99
36) Methylcyclohexane	9.34	83	409771	27.597	ug/L	99
40) 1,2-Dichloropropane	9.37	63	250965	26.698	ug/L	100
41) Bromodichloromethane	9.65	83	328938	25.631	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	379882	26.213	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	376673	48.654	ug/L	99
44) Toluene	10.39	91	1022325	27.112	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	327352	25.582	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	180049	24.560	ug/L	96
47) Tetrachloroethene	10.86	164	187651	25.994	ug/L	98
49) 2-Hexanone	10.97	43	276041	50.189	ug/L	99
50) Dibromochloromethane	11.13	129	216794	24.913	ug/L	100
51) 1,2-Dibromoethane	11.24	107	175640	24.476	ug/L	98
52) Chlorobenzene	11.66	112	634552	25.789	ug/L	99
53) Ethylbenzene	11.73	91	1157989	27.476	ug/L	99
54) m,p-Xylene	11.84	106	427069	27.703	ug/L	96
55) o-xylene	12.16	106	407388	27.553	ug/L	97
56) Styrene	12.18	104	716360	27.676	ug/L	100
57) Isopropylbenzene	12.47	105	1102937	28.006	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	236606	24.534	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	176041	24.391	ug/L	100
62) Bromoform	12.35	173	123167	23.788	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	466043	26.161	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	492623	25.734	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	455650	26.068	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	40656	22.985	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	348795	26.731	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	282204	26.401	ug/L	99
69) Naphthalene	15.37	128	593364	25.864	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	270044	26.477	ug/L	99

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

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