

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080719\
 Data File : VW011734.D
 Acq On : 06 Aug 2019 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Aug 06 16:33:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 04:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368583	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113096	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	86809	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	4.02	63	283927	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.44%
20) 2-Butanone-d5	7.08	46	96521	41.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.60%
24) Chloroform-d	7.65	84	241177	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.30	65	139880	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.40%
29) Benzene-d6	8.27	84	478257	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	9.27	67	156755	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.32	98	424790	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	66241	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.64%
39) 2-Hexanone-d5	10.92	63	64056	41.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121663	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	141467	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	127335	30.826	ug/L 99
3) Chloromethane	2.21	50	134808	25.089	ug/L 96
5) Vinyl chloride	2.36	62	182444	26.613	ug/L 98
6) Bromomethane	2.78	94	84655	26.194	ug/L 99
8) Chloroethane	2.92	64	98385	27.441	ug/L 97
9) Trichlorofluoromethane	3.26	101	99141	28.389	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	145878	27.554	ug/L 97
12) 1,1-Dichloroethene	4.04	96	143174	27.046	ug/L 94
13) Acetone	4.13	43	109440	43.725	ug/L 97
14) Carbon disulfide	4.38	76	446839	25.916	ug/L 99
15) Methyl Acetate	4.67	43	93954	22.959	ug/L 99
16) Methylene chloride	4.92	84	153783	26.736	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	234937	26.650	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	146049	26.703	ug/L 99
19) 1,1-Dichloroethane	6.21	63	299894	27.448	ug/L 100
21) 2-Butanone	7.17	43	142235	45.326	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	156865	27.414	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64808	26.619	ug/L	96
25) Chloroform	7.68	83	275389	27.346	ug/L	99
27) 1,2-Dichloroethane	8.40	62	199244	26.726	ug/L	96
30) Cyclohexane	7.95	56	306614	27.147	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	218872	27.645	ug/L	99
32) Carbon tetrachloride	8.07	117	203435	27.314	ug/L	99
34) Benzene	8.32	78	621265	27.285	ug/L	100
35) Trichloroethene	9.09	95	157000	27.161	ug/L	99
36) Methylcyclohexane	9.34	83	289282	27.586	ug/L	99
40) 1,2-Dichloropropane	9.37	63	167006	27.478	ug/L	100
41) Bromodichloromethane	9.64	83	197127	27.485	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	250551	27.560	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	267962	48.660	ug/L	99
44) Toluene	10.38	91	644859	27.876	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	207649	27.453	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	108972	26.298	ug/L	98
47) Tetrachloroethene	10.86	164	120008	27.180	ug/L	95
49) 2-Hexanone	10.97	43	203871	48.053	ug/L	99
50) Dibromochloromethane	11.13	129	123695	27.082	ug/L	96
51) 1,2-Dibromoethane	11.23	107	104354	25.880	ug/L	99
52) Chlorobenzene	11.66	112	381369	27.325	ug/L	99
53) Ethylbenzene	11.73	91	722808	28.018	ug/L	100
54) m,p-Xylene	11.84	106	264973	28.246	ug/L	97
55) o-xylene	12.16	106	248035	28.095	ug/L	97
56) Styrene	12.18	104	429519	28.617	ug/L	100
57) Isopropylbenzene	12.46	105	689850	28.403	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	138382	25.130	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	104155	24.523	ug/L	98
62) Bromoform	12.35	173	70641	24.778	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	295182	27.293	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	294774	27.140	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	266415	27.203	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23036	22.726	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	224070	28.148	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	184972	28.852	ug/L	99
69) Naphthalene	15.37	128	350179	27.124	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	166716	28.078	ug/L	99

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

