

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072319\
 Data File : VW011440.D
 Acq On : 23 Jul 2019 14:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Jul 24 01:22:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 01:19:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161820	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121246	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
7) Chloroethane-d5	2.89	69	88436	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
10) 1,1-Dichloroethene-d2	4.03	63	283536	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.28%
20) 2-Butanone-d5	7.07	46	117057	55.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.12%
24) Chloroform-d	7.65	84	244301	25.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	8.30	65	146102	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	8.27	84	495869	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	161710	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.32	98	440411	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.16%
38) trans-1,3-Dichloropropene-	10.58	79	70028	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.92	63	78012	55.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135032	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	150513	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	130155	28.531	ug/L 95
3) Chloromethane	2.21	50	130019	23.491	ug/L 98
5) Vinyl chloride	2.36	62	168572	25.860	ug/L 99
6) Bromomethane	2.78	94	79080	25.128	ug/L 100
8) Chloroethane	2.92	64	89413	25.759	ug/L 98
9) Trichlorofluoromethane	3.26	101	71806	23.160	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	130855	26.299	ug/L 98
12) 1,1-Dichloroethene	4.04	96	128147	25.799	ug/L 83
13) Acetone	4.12	43	117669	52.317	ug/L 100
14) Carbon disulfide	4.38	76	411239	25.535	ug/L 99
15) Methyl Acetate	4.67	43	92338	26.737	ug/L 100
16) Methylene chloride	4.91	84	133575	24.538	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	193980	24.701	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	128974	25.179	ug/L 94
19) 1,1-Dichloroethane	6.21	63	260874	25.640	ug/L 97
21) 2-Butanone	7.16	43	151309	52.348	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	136985	25.245	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56883	25.082	ug/L	94
25) Chloroform	7.67	83	237099	25.297	ug/L	99
27) 1,2-Dichloroethane	8.40	62	173941	25.463	ug/L	99
30) Cyclohexane	7.95	56	276645	25.365	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	188055	25.230	ug/L	100
32) Carbon tetrachloride	8.07	117	174488	25.191	ug/L	99
34) Benzene	8.32	78	544585	25.055	ug/L	100
35) Trichloroethene	9.09	95	137696	24.925	ug/L	99
36) Methylcyclohexane	9.34	83	253186	25.204	ug/L	98
40) 1,2-Dichloropropane	9.37	63	146092	25.018	ug/L	100
41) Bromodichloromethane	9.64	83	170850	25.023	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219682	25.040	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	262570	52.522	ug/L	99
44) Toluene	10.39	91	562147	25.215	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	182422	25.301	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	98277	25.142	ug/L	98
47) Tetrachloroethene	10.86	164	106121	25.039	ug/L	97
49) 2-Hexanone	10.97	43	205073	54.344	ug/L	99
50) Dibromochloromethane	11.13	129	109081	25.210	ug/L	97
51) 1,2-Dibromoethane	11.23	107	96067	25.413	ug/L	96
52) Chlorobenzene	11.66	112	333281	24.789	ug/L	99
53) Ethylbenzene	11.73	91	633039	25.230	ug/L	99
54) m,p-Xylene	11.84	106	229089	24.930	ug/L	99
55) o-xylene	12.16	106	216689	25.019	ug/L	96
56) Styrene	12.18	104	377000	25.875	ug/L	99
57) Isopropylbenzene	12.46	105	605449	25.664	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	130942	25.788	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	100898	26.008	ug/L	100
62) Bromoform	12.35	173	64222	25.075	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	256194	25.002	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	259693	24.951	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	236914	25.127	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22985	25.575	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	197191	25.226	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	164889	25.452	ug/L	99
69) Naphthalene	15.37	128	347200	26.328	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	151434	25.802	ug/L	100

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

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