

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011421.D
 Acq On : 22 Jul 2019 15:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Jul 23 04:38:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 22 14:39:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	436908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185741	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135582	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	101762	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	4.03	63	319330	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.68%
20) 2-Butanone-d5	7.07	46	109201	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
24) Chloroform-d	7.65	84	264589	23.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	8.31	65	155332	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.40%
29) Benzene-d6	8.27	84	550014	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	176941	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	492321	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	77257	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.92	63	77832	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139436	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	164444	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	153785	28.855	ug/L 98
3) Chloromethane	2.21	50	164329	25.412	ug/L 99
5) Vinyl chloride	2.36	62	199205	26.157	ug/L 100
6) Bromomethane	2.78	94	94609	25.732	ug/L 99
8) Chloroethane	2.92	64	105846	26.100	ug/L 98
9) Trichlorofluoromethane	3.26	101	95639	26.403	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	152679	26.264	ug/L 99
12) 1,1-Dichloroethene	4.04	96	151407	26.090	ug/L 96
13) Acetone	4.12	43	135735	51.655	ug/L 100
14) Carbon disulfide	4.39	76	488210	25.947	ug/L 99
15) Methyl Acetate	4.67	43	98673	24.455	ug/L 100
16) Methylene chloride	4.92	84	156768	24.649	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	233254	25.423	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	152646	25.507	ug/L 99
19) 1,1-Dichloroethane	6.21	63	304138	25.586	ug/L 98
21) 2-Butanone	7.17	43	165820	49.104	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	161659	25.500	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66073	24.937	ug/L	97
25) Chloroform	7.68	83	276538	25.255	ug/L	100
27) 1,2-Dichloroethane	8.40	62	199468	24.993	ug/L	100
30) Cyclohexane	7.96	56	327243	26.036	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	219911	25.603	ug/L	99
32) Carbon tetrachloride	8.07	117	207965	26.054	ug/L	100
34) Benzene	8.32	78	639590	25.535	ug/L	100
35) Trichloroethene	9.09	95	162430	25.514	ug/L	99
36) Methylcyclohexane	9.34	83	302844	26.161	ug/L	99
40) 1,2-Dichloropropane	9.37	63	169827	25.236	ug/L	100
41) Bromodichloromethane	9.65	83	197425	25.092	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	260491	25.765	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	280054	48.612	ug/L	99
44) Toluene	10.39	91	663186	25.813	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	211451	25.449	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	110918	24.624	ug/L	99
47) Tetrachloroethene	10.87	164	124007	25.390	ug/L	94
49) 2-Hexanone	10.97	43	228841	52.624	ug/L	98
50) Dibromochloromethane	11.13	129	127238	25.518	ug/L	99
51) 1,2-Dibromoethane	11.23	107	109779	25.200	ug/L	97
52) Chlorobenzene	11.66	112	394341	25.452	ug/L	99
53) Ethylbenzene	11.73	91	744376	25.744	ug/L	100
54) m,p-Xylene	11.84	106	272211	25.705	ug/L	100
55) o-xylene	12.16	106	259161	25.966	ug/L	100
56) Styrene	12.18	104	445067	26.508	ug/L	98
57) Isopropylbenzene	12.46	105	713632	26.250	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145321	24.835	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	109082	24.399	ug/L	100
62) Bromoform	12.35	173	72917	24.803	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	305955	26.013	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	305267	25.553	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	278718	25.754	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	25248	24.475	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	237629	26.484	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	199897	26.882	ug/L	100
69) Naphthalene	15.37	128	404118	26.698	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	179950	26.712	ug/L	99

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

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