

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011298.D
 Acq On : 17 Jul 2019 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Jul 18 04:55:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359542	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112902	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
7) Chloroethane-d5	2.89	69	85092	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.02	63	256972	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.40%
20) 2-Butanone-d5	7.07	46	109599	50.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.36%
24) Chloroform-d	7.65	84	232703	23.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	8.30	65	140611	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	457726	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	9.27	67	155380	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.32	98	404070	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.57	79	64724	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.92	63	75871	50.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135221	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	142888	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	110876	25.073	ug/L 97
3) Chloromethane	2.21	50	104017	21.666	ug/L 100
5) Vinyl chloride	2.36	62	142953	22.814	ug/L 98
6) Bromomethane	2.78	94	67242	22.937	ug/L 100
8) Chloroethane	2.92	64	78301	24.723	ug/L 99
9) Trichlorofluoromethane	3.25	101	55565	25.899	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	120439	25.194	ug/L 99
12) 1,1-Dichloroethene	4.04	96	112821	23.878	ug/L 85
13) Acetone	4.12	43	93112	44.080	ug/L 99
14) Carbon disulfide	4.38	76	306637	22.687	ug/L 100
15) Methyl Acetate	4.67	43	86287	25.104	ug/L 100
16) Methylene chloride	4.92	84	123928	23.456	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	190276	25.968	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	113372	23.745	ug/L 98
19) 1,1-Dichloroethane	6.21	63	243203	25.091	ug/L 98
21) 2-Butanone	7.17	43	132261	48.503	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	126682	24.512	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	53903	24.857	ug/L	96
25) Chloroform	7.67	83	228831	24.924	ug/L	100
27) 1,2-Dichloroethane	8.40	62	173188	24.677	ug/L	99
30) Cyclohexane	7.95	56	231797	23.456	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	172376	25.552	ug/L	99
32) Carbon tetrachloride	8.07	117	160912	25.434	ug/L	98
34) Benzene	8.32	78	503352	24.778	ug/L	100
35) Trichloroethene	9.09	95	125259	24.434	ug/L	100
36) Methylcyclohexane	9.33	83	219559	23.800	ug/L	100
40) 1,2-Dichloropropane	9.37	63	142017	25.513	ug/L	100
41) Bromodichloromethane	9.64	83	166639	25.966	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	211127	25.706	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	259682	50.324	ug/L	100
44) Toluene	10.38	91	527092	25.068	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	176001	25.898	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	99473	25.805	ug/L	100
47) Tetrachloroethene	10.86	164	94383	24.361	ug/L	98
49) 2-Hexanone	10.97	43	190835	50.807	ug/L	98
50) Dibromochloromethane	11.13	129	109978	26.792	ug/L	99
51) 1,2-Dibromoethane	11.23	107	93726	25.181	ug/L	95
52) Chlorobenzene	11.66	112	320207	24.927	ug/L	99
53) Ethylbenzene	11.73	91	593077	24.867	ug/L	100
54) m,p-Xylene	11.84	106	218183	25.196	ug/L	96
55) o-xylene	12.16	106	208495	25.311	ug/L	98
56) Styrene	12.18	104	365741	25.882	ug/L	99
57) Isopropylbenzene	12.46	105	579143	25.755	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133932	26.117	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	102563	26.043	ug/L	100
62) Bromoform	12.35	173	64202	26.867	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	250671	25.411	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	255202	25.272	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	236743	25.783	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23114	25.639	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	196206	26.251	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	164956	26.344	ug/L	98
69) Naphthalene	15.37	128	354520	27.035	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	152789	26.669	ug/L	99

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

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