

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013803.D
 Acq On : 29 Oct 2019 19:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Oct 30 06:03:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	187982	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79821	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
7) Chloroethane-d5	2.89	69	74391	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
10) 1,1-Dichloroethene-d2	4.03	63	189996	22.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.48%
20) 2-Butanone-d5	7.07	46	72736	52.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.76%
24) Chloroform-d	7.65	84	214984	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.31	65	111346	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.27	84	414531	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.27	67	131835	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	387439	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.58	79	56500	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	10.92	63	57690	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117198	25.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	155699	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	68501	19.429	ug/L 95
3) Chloromethane	2.21	50	72172	18.910	ug/L 99
5) Vinyl chloride	2.37	62	120825	25.332	ug/L 99
6) Bromomethane	2.78	94	75686	21.961	ug/L 99
8) Chloroethane	2.93	64	71725	22.253	ug/L 97
9) Trichlorofluoromethane	3.26	101	58831	18.301	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	124098	24.515	ug/L 99
12) 1,1-Dichloroethene	4.04	96	120381	24.164	ug/L 95
13) Acetone	4.12	43	54960	35.999	ug/L 94
14) Carbon disulfide	4.39	76	342242	24.009	ug/L 99
15) Methyl Acetate	4.67	43	59699	23.932	ug/L 99
16) Methylene chloride	4.92	84	131209	21.859	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	164262	23.830	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	130965	23.781	ug/L 96
19) 1,1-Dichloroethane	6.21	63	227062	24.358	ug/L 96
21) 2-Butanone	7.17	43	84129	43.401	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	143358	24.252	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	63780	23.872	ug/L	98
25) Chloroform	7.67	83	226198	24.157	ug/L	100
27) 1,2-Dichloroethane	8.40	62	146419	24.397	ug/L	98
30) Cyclohexane	7.95	56	218889	24.021	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	177578	24.478	ug/L	98
32) Carbon tetrachloride	8.07	117	169573	24.005	ug/L	99
34) Benzene	8.32	78	530596	23.775	ug/L	100
35) Trichloroethene	9.09	95	138708	24.225	ug/L	98
36) Methylcyclohexane	9.34	83	236127	23.397	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131683	24.132	ug/L	100
41) Bromodichloromethane	9.64	83	161993	24.228	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	207505	24.086	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	170566	45.815	ug/L	100
44) Toluene	10.38	91	579152	24.154	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	167260	24.052	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	99855	23.727	ug/L	97
47) Tetrachloroethene	10.86	164	125021	23.853	ug/L	98
49) 2-Hexanone	10.97	43	120696	45.697	ug/L	98
50) Dibromochloromethane	11.13	129	119547	24.070	ug/L	97
51) 1,2-Dibromoethane	11.23	107	96296	23.530	ug/L	97
52) Chlorobenzene	11.66	112	368160	23.998	ug/L	99
53) Ethylbenzene	11.73	91	645898	24.381	ug/L	97
54) m,p-Xylene	11.83	106	251035	24.521	ug/L	99
55) o-xylene	12.16	106	237745	24.472	ug/L	95
56) Styrene	12.18	104	415077	24.975	ug/L	100
57) Isopropylbenzene	12.46	105	639759	24.550	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	120245	24.378	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	89133	24.232	ug/L	98
62) Bromoform	12.35	173	74188	23.028	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	307112	24.077	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	303028	23.641	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	280426	24.264	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	18424	23.193	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	228856	24.134	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	192379	23.897	ug/L	99
69) Naphthalene	15.36	128	354327	24.290	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	171973	23.854	ug/L	100

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

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