

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010181.D
 Acq On : 29 Apr 2019 14:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Apr 30 04:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	672936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	639924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	321802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	173686	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
7) Chloroethane-d5	2.89	69	153047	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.01	63	400778	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.44%
20) 2-Butanone-d5	7.07	46	155551	55.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.50%
24) Chloroform-d	7.64	84	443919	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.31	65	252024	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
29) Benzene-d6	8.27	84	845383	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	264699	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	10.32	98	777555	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.24%
38) trans-1,3-Dichloropropene-	10.57	79	123955	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	128598	56.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	236524	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	296697	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	226329	23.942	ug/L 98
3) Chloromethane	2.21	50	210944	26.514	ug/L 99
5) Vinyl chloride	2.37	62	240926	24.682	ug/L 97
6) Bromomethane	2.78	94	145954	26.181	ug/L 100
8) Chloroethane	2.92	64	148662	25.544	ug/L 99
9) Trichlorofluoromethane	3.25	101	127710	24.055	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	196703	24.236	ug/L 100
12) 1,1-Dichloroethene	4.03	96	204211	24.994	ug/L 94
13) Acetone	4.11	43	104206	46.831	ug/L 98
14) Carbon disulfide	4.37	76	594774	25.265	ug/L 98
15) Methyl Acetate	4.66	43	129985	26.906	ug/L 99
16) Methylene chloride	4.91	84	236239	21.097	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	298611	28.115	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	222840	25.816	ug/L 97
19) 1,1-Dichloroethane	6.21	63	424244	26.476	ug/L 99
21) 2-Butanone	7.17	43	173984	55.755	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	252921	27.096	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	117001	27.263	ug/L	98
25) Chloroform	7.67	83	436365	26.578	ug/L	100
27) 1,2-Dichloroethane	8.40	62	315661	27.166	ug/L	100
30) Cyclohexane	7.95	56	374787	25.865	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	341530	25.544	ug/L	99
32) Carbon tetrachloride	8.06	117	331056	24.946	ug/L	100
34) Benzene	8.32	78	941246	26.211	ug/L	100
35) Trichloroethene	9.09	95	244394	25.524	ug/L	99
36) Methylcyclohexane	9.34	83	400092	25.109	ug/L	99
40) 1,2-Dichloropropane	9.37	63	246080	26.408	ug/L	100
41) Bromodichloromethane	9.64	83	328127	26.783	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	387216	26.712	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	377835	57.531	ug/L	99
44) Toluene	10.38	91	1017415	26.472	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	340359	26.989	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	187169	26.874	ug/L	98
47) Tetrachloroethene	10.86	164	199427	25.100	ug/L	96
49) 2-Hexanone	10.97	43	269297	57.359	ug/L	98
50) Dibromochloromethane	11.13	129	232956	26.936	ug/L	98
51) 1,2-Dibromoethane	11.24	107	185524	27.210	ug/L	95
52) Chlorobenzene	11.66	112	664320	26.387	ug/L	100
53) Ethylbenzene	11.73	91	1153440	26.508	ug/L	100
54) m,p-Xylene	11.84	106	434095	26.508	ug/L	99
55) o-xylene	12.16	106	419850	27.122	ug/L	94
56) Styrene	12.18	104	731229	27.276	ug/L	99
57) Isopropylbenzene	12.46	105	1119812	26.583	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	230750	26.604	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	176677	27.324	ug/L	99
62) Bromoform	12.35	173	138414	26.768	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	511426	26.315	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	523875	25.639	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	487943	26.655	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	41465	27.280	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	387042	25.883	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	320443	26.463	ug/L	100
69) Naphthalene	15.37	128	678956	27.381	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	299133	26.140	ug/L	100

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

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