

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009216.D
 Acq On : 16 Mar 2019 17:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Mar 18 02:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 02:40:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436332	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128100	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
7) Chloroethane-d5	2.89	69	127500	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.32%
10) 1,1-Dichloroethene-d2	4.03	63	282588	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.36%
20) 2-Butanone-d5	7.07	46	104720	46.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.32%
24) Chloroform-d	7.65	84	297420	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.30	65	175552	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
29) Benzene-d6	8.27	84	552965	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
33) 1,2-Dichloropropane-d6	9.27	67	168086	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	10.32	98	514397	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.48%
38) trans-1,3-Dichloropropene-	10.58	79	80714	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	82928	47.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172689	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	193502	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	144976	24.236	ug/L 92
3) Chloromethane	2.21	50	152433	24.018	ug/L 96
5) Vinyl chloride	2.37	62	194045	29.705	ug/L 98
6) Bromomethane	2.78	94	135271	24.717	ug/L 100
8) Chloroethane	2.93	64	132033	24.430	ug/L 91
9) Trichlorofluoromethane	3.26	101	118334	22.933	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	156859	26.323	ug/L 95
12) 1,1-Dichloroethene	4.03	96	153565	27.463	ug/L 91
13) Acetone	4.12	43	90795	49.337	ug/L 100
14) Carbon disulfide	4.38	76	450056	29.906	ug/L 99
15) Methyl Acetate	4.66	43	96950	26.816	ug/L 99
16) Methylene chloride	4.91	84	161385	24.372	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	208901	26.403	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	160950	27.377	ug/L 98
19) 1,1-Dichloroethane	6.21	63	297652	27.768	ug/L 99
21) 2-Butanone	7.17	43	133095	52.379	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	175391	27.540	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	85024	27.835	ug/L	96
25) Chloroform	7.67	83	310330	27.645	ug/L	99
27) 1,2-Dichloroethane	8.40	62	233552	27.905	ug/L	99
30) Cyclohexane	7.95	56	264103	26.651	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	239890	27.527	ug/L	98
32) Carbon tetrachloride	8.07	117	247805	28.184	ug/L	98
34) Benzene	8.32	78	659935	27.633	ug/L	100
35) Trichloroethene	9.09	95	172038	27.034	ug/L	99
36) Methylcyclohexane	9.34	83	290263	26.364	ug/L	99
40) 1,2-Dichloropropane	9.37	63	168271	27.457	ug/L	100
41) Bromodichloromethane	9.64	83	233485	27.497	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	269163	26.966	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	291251	52.447	ug/L	99
44) Toluene	10.38	91	719006	27.535	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	233701	26.915	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	133041	27.211	ug/L	98
47) Tetrachloroethene	10.86	164	144629	26.898	ug/L	95
49) 2-Hexanone	10.97	43	205800	52.618	ug/L	98
50) Dibromochloromethane	11.13	129	167987	27.833	ug/L	94
51) 1,2-Dibromoethane	11.23	107	134807	27.198	ug/L	94
52) Chlorobenzene	11.66	112	452907	27.043	ug/L	98
53) Ethylbenzene	11.73	91	803131	27.357	ug/L	100
54) m,p-Xylene	11.84	106	298492	26.763	ug/L	94
55) o-xylene	12.17	106	294507	27.067	ug/L	96
56) Styrene	12.18	104	511565	27.556	ug/L	98
57) Isopropylbenzene	12.47	105	786711	26.991	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	181530	27.522	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	132662	27.102	ug/L	99
62) Bromoform	12.35	173	104979	28.356	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	352277	26.976	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	370127	27.414	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	339930	27.295	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	31880	26.119	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	262371	25.759	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	217542	25.426	ug/L	98
69) Naphthalene	15.37	128	474192	26.732	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	207715	25.920	ug/L	99

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

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