

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009799.D
 Acq On : 07 Apr 2019 04:53
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Apr 07 05:21:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	447426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217239	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98590	16.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.36%
7) Chloroethane-d5	2.89	69	107570	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.02	63	270966	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.08%
20) 2-Butanone-d5	7.07	46	117675	61.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.80%
24) Chloroform-d	7.65	84	299330	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	189458	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	535439	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.27	67	170282	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.32	98	488388	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	76063	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	79697	59.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185891	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	184142	24.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	121731	20.654 ug/L	86
3) Chloromethane	2.21	50	125694	20.636 ug/L	98
5) Vinyl chloride	2.37	62	163943	20.984 ug/L	100
6) Bromomethane	2.78	94	117393	21.715 ug/L	98
8) Chloroethane	2.92	64	116202	22.661 ug/L	95
9) Trichlorofluoromethane	3.25	101	96558	20.147 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	144462	23.173 ug/L	99
12) 1,1-Dichloroethene	4.03	96	141167	23.755 ug/L	91
13) Acetone	4.12	43	94743	46.515 ug/L	99
14) Carbon disulfide	4.38	76	417827	22.620 ug/L	99
15) Methyl Acetate	4.66	43	127777	34.406 ug/L	98
16) Methylene chloride	4.91	84	164870	20.894 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	226646	27.685 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	152741	24.714 ug/L	98
19) 1,1-Dichloroethane	6.21	63	307315	25.911 ug/L	99
21) 2-Butanone	7.17	43	145898	56.321 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	170488	25.792 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	80815	26.649	ug/L	96
25) Chloroform	7.67	83	320080	25.764	ug/L	99
27) 1,2-Dichloroethane	8.40	62	257817	27.437	ug/L	98
30) Cyclohexane	7.95	56	252657	24.346	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	245238	24.587	ug/L	99
32) Carbon tetrachloride	8.06	117	241162	24.116	ug/L	99
34) Benzene	8.32	78	670328	25.340	ug/L	100
35) Trichloroethene	9.09	95	171208	24.730	ug/L	99
36) Methylcyclohexane	9.33	83	278374	24.457	ug/L	99
40) 1,2-Dichloropropane	9.37	63	176676	26.090	ug/L	99
41) Bromodichloromethane	9.64	83	237858	25.456	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	254936	24.300	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	325051	61.795	ug/L	99
44) Toluene	10.38	91	718048	25.623	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	225443	24.925	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	137166	26.986	ug/L	97
47) Tetrachloroethene	10.86	164	129266	23.707	ug/L	96
49) 2-Hexanone	10.97	43	227933	58.195	ug/L	98
50) Dibromochloromethane	11.13	129	164683	26.372	ug/L	99
51) 1,2-Dibromoethane	11.23	107	137001	26.892	ug/L	99
52) Chlorobenzene	11.66	112	450008	24.947	ug/L	99
53) Ethylbenzene	11.73	91	808923	25.340	ug/L	98
54) m,p-Xylene	11.83	106	298670	25.296	ug/L	97
55) o-xylene	12.16	106	292600	26.020	ug/L	98
56) Styrene	12.18	104	504239	25.843	ug/L	99
57) Isopropylbenzene	12.46	105	784627	25.482	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	190354	27.850	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	148671	29.221	ug/L	99
62) Bromoform	12.35	173	103652	27.137	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	329844	24.545	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	350401	24.452	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	330211	25.684	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	36150	28.886	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	233682	23.436	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	190227	23.756	ug/L	99
69) Naphthalene	15.37	128	475516	29.546	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	196225	26.196	ug/L	99

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

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