

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
 Data File : VW013591.D
 Acq On : 16 Oct 2019 09:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Oct 16 16:33:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 14:37:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	465988	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209449	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119580	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	2.89	69	93503	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.02	63	266789	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.40%
20) 2-Butanone-d5	7.08	46	78873	49.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.20%
24) Chloroform-d	7.65	84	245793	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.30	65	125495	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	529942	23.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.96%
33) 1,2-Dichloropropane-d6	9.27	67	156525	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	487116	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	67465	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.44%
39) 2-Hexanone-d5	10.92	63	62458	47.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126744	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	177956	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	68366	26.924	ug/L	89
3) Chloromethane	2.21	50	111472	24.985	ug/L	99
5) Vinyl chloride	2.36	62	161946	25.657	ug/L	97
6) Bromomethane	2.78	94	98979	25.601	ug/L	99
8) Chloroethane	2.92	64	92419	26.104	ug/L	98
9) Trichlorofluoromethane	3.26	101	86938	26.420	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	154463	26.449	ug/L	99
12) 1,1-Dichloroethene	4.04	96	155652	26.609	ug/L	96
13) Acetone	4.13	43	78871	42.717	ug/L	71
14) Carbon disulfide	4.38	76	453187	25.387	ug/L	99
15) Methyl Acetate	4.67	43	74997	26.039	ug/L	100
16) Methylene chloride	4.92	84	160683	22.766	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	242885	25.838	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	163466	26.187	ug/L	98
19) 1,1-Dichloroethane	6.21	63	276896	26.421	ug/L	97
21) 2-Butanone	7.17	43	106585	47.188	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	175110	26.229	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	77146	25.807	ug/L	96
25) Chloroform	7.67	83	273450	26.449	ug/L	99
27) 1,2-Dichloroethane	8.40	62	173114	26.474	ug/L	99
30) Cyclohexane	7.95	56	277105	25.554	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	222502	26.786	ug/L	98
32) Carbon tetrachloride	8.07	117	210096	26.368	ug/L	97
34) Benzene	8.32	78	647895	26.004	ug/L	100
35) Trichloroethene	9.09	95	170481	26.232	ug/L	99
36) Methylcyclohexane	9.34	83	303110	25.647	ug/L	100
40) 1,2-Dichloropropane	9.37	63	158287	26.371	ug/L	99
41) Bromodichloromethane	9.64	83	196710	26.683	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	251662	26.136	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	208829	49.865	ug/L	98
44) Toluene	10.39	91	705635	26.133	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	201578	26.512	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	120297	26.403	ug/L	98
47) Tetrachloroethene	10.86	164	155875	26.316	ug/L	97
49) 2-Hexanone	10.97	43	149840	49.230	ug/L	97
50) Dibromochloromethane	11.13	129	144814	26.995	ug/L	98
51) 1,2-Dibromoethane	11.23	107	116751	26.086	ug/L	99
52) Chlorobenzene	11.66	112	443776	25.896	ug/L	97
53) Ethylbenzene	11.73	91	779371	26.076	ug/L	97
54) m,p-Xylene	11.84	106	300716	25.791	ug/L	98
55) o-xylene	12.16	106	284523	26.142	ug/L	96
56) Styrene	12.18	104	489187	26.392	ug/L	98
57) Isopropylbenzene	12.46	105	777543	26.335	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	143166	26.596	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	105177	26.166	ug/L	99
62) Bromoform	12.35	173	89457	26.555	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	359143	25.589	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	352894	25.259	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	322919	25.589	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21574	24.764	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	264830	25.000	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	220769	25.144	ug/L	98
69) Naphthalene	15.36	128	405802	25.375	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	195633	25.022	ug/L	100

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

