

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009721.D
 Acq On : 05 Apr 2019 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Apr 05 09:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424658	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209571	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111923	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
7) Chloroethane-d5	2.89	69	119293	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	4.01	63	274879	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.00%
20) 2-Butanone-d5	7.07	46	99988	55.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.84%
24) Chloroform-d	7.64	84	293800	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.30	65	182030	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.36%
29) Benzene-d6	8.27	84	531834	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.27	67	170776	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.32	98	495272	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.36%
38) trans-1,3-Dichloropropene-	10.58	79	78948	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
39) 2-Hexanone-d5	10.93	63	71967	56.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	175373	27.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	186633	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	127940	22.871	ug/L 99
3) Chloromethane	2.21	50	130584	22.589	ug/L 95
5) Vinyl chloride	2.37	62	167039	22.526	ug/L 99
6) Bromomethane	2.78	94	125369	24.433	ug/L 99
8) Chloroethane	2.92	64	118099	24.266	ug/L 97
9) Trichlorofluoromethane	3.26	101	101342	22.279	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	138683	23.438	ug/L 97
12) 1,1-Dichloroethene	4.03	96	139477	24.729	ug/L 95
13) Acetone	4.12	43	84788	43.859	ug/L 98
14) Carbon disulfide	4.38	76	421569	24.046	ug/L 99
15) Methyl Acetate	4.67	43	121421	34.447	ug/L 100
16) Methylene chloride	4.92	84	170794	22.805	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	223756	28.798	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	147548	25.153	ug/L 98
19) 1,1-Dichloroethane	6.21	63	299432	26.600	ug/L 98
21) 2-Butanone	7.17	43	122558	49.848	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	167796	26.746	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	79268	27.540	ug/L	93
25) Chloroform	7.67	83	312826	26.530	ug/L	100
27) 1,2-Dichloroethane	8.40	62	245277	27.502	ug/L	97
30) Cyclohexane	7.95	56	241990	24.451	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	237894	25.009	ug/L	98
32) Carbon tetrachloride	8.06	117	232916	24.423	ug/L	99
34) Benzene	8.32	78	649476	25.744	ug/L	100
35) Trichloroethene	9.09	95	166802	25.264	ug/L	99
36) Methylcyclohexane	9.33	83	259336	23.892	ug/L	99
40) 1,2-Dichloropropane	9.37	63	171889	26.616	ug/L	99
41) Bromodichloromethane	9.64	83	234532	26.320	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	257166	25.704	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	288411	57.493	ug/L	100
44) Toluene	10.38	91	708398	26.506	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	228310	26.468	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	132652	27.365	ug/L	97
47) Tetrachloroethene	10.86	164	127001	24.424	ug/L	98
49) 2-Hexanone	10.97	43	187142	50.102	ug/L	99
50) Dibromochloromethane	11.13	129	160813	27.003	ug/L	99
51) 1,2-Dibromoethane	11.23	107	132459	27.264	ug/L	99
52) Chlorobenzene	11.66	112	444215	25.822	ug/L	100
53) Ethylbenzene	11.73	91	794859	26.109	ug/L	99
54) m,p-Xylene	11.84	106	294918	26.191	ug/L	96
55) o-xylene	12.16	106	289387	26.984	ug/L	99
56) Styrene	12.18	104	507504	27.274	ug/L	100
57) Isopropylbenzene	12.46	105	773736	26.349	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	183804	28.199	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	140190	28.892	ug/L	99
62) Bromoform	12.35	173	98867	26.831	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	328998	25.378	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	350953	25.386	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	329964	26.604	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	34242	28.363	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	235790	24.513	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	193427	25.040	ug/L	100
69) Naphthalene	15.37	128	464901	29.943	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	194814	26.959	ug/L	99

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

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