

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009493.D
 Acq On : 27 Mar 2019 10:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Mar 28 04:55:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	466379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229572	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122687	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	141564	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.01	63	299094	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.32%
20) 2-Butanone-d5	7.08	46	96042	41.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.34%
24) Chloroform-d	7.64	84	306369	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.30	65	177233	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.48%
29) Benzene-d6	8.27	84	564531	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	170264	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.32	98	526645	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.57	79	80286	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	74811	42.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169085	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	200231	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	138350	22.519	ug/L 97
3) Chloromethane	2.21	50	154570	23.713	ug/L 99
5) Vinyl chloride	2.37	62	202540	30.188	ug/L 99
6) Bromomethane	2.78	94	157585	28.035	ug/L 99
8) Chloroethane	2.93	64	153230	27.605	ug/L 91
9) Trichlorofluoromethane	3.26	101	139773	26.374	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	163536	26.720	ug/L 97
12) 1,1-Dichloroethene	4.03	96	157269	27.384	ug/L 88
13) Acetone	4.13	43	98090	51.896	ug/L 98
14) Carbon disulfide	4.37	76	451847	29.234	ug/L 100
15) Methyl Acetate	4.67	43	80618	21.711	ug/L 96
16) Methylene chloride	4.92	84	163064	23.976	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	204747	25.196	ug/L 97
18) trans-1,2-Dichloroethene	5.41	96	159235	26.372	ug/L 95
19) 1,1-Dichloroethane	6.21	63	304002	27.613	ug/L 99
21) 2-Butanone	7.17	43	114315	43.802	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	171917	26.283	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	76852	24.497	ug/L	94
25) Chloroform	7.67	83	315425	27.358	ug/L	99
27) 1,2-Dichloroethane	8.40	62	226324	26.328	ug/L	99
30) Cyclohexane	7.95	56	272105	27.213	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	261548	29.744	ug/L	99
32) Carbon tetrachloride	8.06	117	263139	29.660	ug/L	98
34) Benzene	8.32	78	671429	27.862	ug/L	100
35) Trichloroethene	9.09	95	174772	27.218	ug/L	99
36) Methylcyclohexane	9.33	83	308629	27.781	ug/L	99
40) 1,2-Dichloropropane	9.37	63	166235	26.882	ug/L	100
41) Bromodichloromethane	9.64	83	229571	26.794	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	265504	26.362	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	247638	44.194	ug/L	100
44) Toluene	10.38	91	728856	27.663	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	227469	25.963	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	124036	25.142	ug/L	98
47) Tetrachloroethene	10.86	164	143063	26.368	ug/L	98
49) 2-Hexanone	10.97	43	189222	47.946	ug/L	100
50) Dibromochloromethane	11.13	129	154985	25.449	ug/L	100
51) 1,2-Dibromoethane	11.23	107	122636	24.521	ug/L	98
52) Chlorobenzene	11.66	112	452317	26.766	ug/L	99
53) Ethylbenzene	11.73	91	839111	28.327	ug/L	98
54) m,p-Xylene	11.84	106	314289	27.927	ug/L	95
55) o-xylene	12.16	106	298950	27.229	ug/L	99
56) Styrene	12.18	104	519136	27.713	ug/L	96
57) Isopropylbenzene	12.46	105	845326	28.742	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	164314	24.689	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	120876	24.473	ug/L	100
62) Bromoform	12.35	173	95018	24.496	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	358094	26.172	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	375413	26.539	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	344767	26.422	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	29073	22.735	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.63	180	283666	26.581	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	231740	25.852	ug/L	99
69) Naphthalene	15.37	128	452004	24.321	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	215094	25.618	ug/L	99

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

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