

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092719\
 Data File : VW013314.D
 Acq On : 27 Sep 2019 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Sep 28 03:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 12:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	515531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	231317	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	164620	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.12%
7) Chloroethane-d5	2.89	69	132495	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
10) 1,1-Dichloroethene-d2	4.02	63	316415	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.60%
20) 2-Butanone-d5	7.07	46	107370	50.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.08%
24) Chloroform-d	7.65	84	304036	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	8.31	65	161852	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.27	84	654019	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.27	67	190919	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.32	98	608397	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.32%
38) trans-1,3-Dichloropropene-	10.57	79	87030	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	10.92	63	84347	52.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160746	25.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	212814	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	92717	28.737	ug/L	92
3) Chloromethane	2.21	50	112948	26.127	ug/L	95
5) Vinyl chloride	2.36	62	165010	27.599	ug/L	96
6) Bromomethane	2.78	94	98628	25.947	ug/L	98
8) Chloroethane	2.92	64	97336	26.837	ug/L	99
9) Trichlorofluoromethane	3.26	101	98852	26.677	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	151337	25.844	ug/L	99
12) 1,1-Dichloroethene	4.04	96	151420	25.479	ug/L	95
13) Acetone	4.13	43	91521	51.754	ug/L	97
14) Carbon disulfide	4.38	76	440828	26.131	ug/L	100
15) Methyl Acetate	4.67	43	82861	24.283	ug/L	100
16) Methylene chloride	4.92	84	164878	21.407	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	250799	24.399	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	160312	25.228	ug/L	96
19) 1,1-Dichloroethane	6.21	63	277403	24.888	ug/L	98
21) 2-Butanone	7.17	43	123558	48.510	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	169627	24.499	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	75639	24.276	ug/L	95
25) Chloroform	7.67	83	270210	24.669	ug/L	99
27) 1,2-Dichloroethane	8.40	62	176242	24.569	ug/L	99
30) Cyclohexane	7.95	56	277921	25.604	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	218409	25.178	ug/L	99
32) Carbon tetrachloride	8.07	117	211867	25.615	ug/L	100
34) Benzene	8.32	78	643767	25.407	ug/L	100
35) Trichloroethene	9.09	95	168718	25.346	ug/L	99
36) Methylcyclohexane	9.34	83	296058	24.967	ug/L	100
40) 1,2-Dichloropropane	9.37	63	157189	25.216	ug/L	99
41) Bromodichloromethane	9.64	83	193409	25.287	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	254919	25.601	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	229914	48.177	ug/L	99
44) Toluene	10.38	91	693870	25.153	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	203291	25.399	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	119101	24.384	ug/L	95
47) Tetrachloroethene	10.86	164	148528	24.797	ug/L	98
49) 2-Hexanone	10.97	43	171818	50.087	ug/L	99
50) Dibromochloromethane	11.13	129	141793	25.309	ug/L	94
51) 1,2-Dibromoethane	11.23	107	118120	24.615	ug/L	100
52) Chlorobenzene	11.66	112	431771	24.840	ug/L	97
53) Ethylbenzene	11.73	91	766818	25.076	ug/L	96
54) m,p-Xylene	11.84	106	296317	25.237	ug/L	97
55) o-xylene	12.16	106	278971	25.178	ug/L	100
56) Styrene	12.18	104	480136	25.273	ug/L	97
57) Isopropylbenzene	12.46	105	757170	25.273	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145708	24.215	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	106957	23.820	ug/L	100
62) Bromoform	12.35	173	86900	23.746	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	347133	24.388	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	342359	23.804	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	315571	24.367	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	22640	22.197	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	268871	24.533	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	213095	24.358	ug/L	98
69) Naphthalene	15.36	128	417910	25.004	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	194893	24.494	ug/L	99

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

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