

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009491.D
 Acq On : 27 Mar 2019 04:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Quant Time: Mar 27 09:29:42 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	362241	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91149	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.89	69	108941	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.02	63	220538	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.08	46	105221	58.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.56%
24) Chloroform-d	7.64	84	271958	27.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.04%
26) 1,2-Dichloroethane-d4	8.31	65	168404	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	8.27	84	484227	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.27	67	156223	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.48%
37) Toluene-d8	10.32	98	456868	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.58	79	73192	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.40%
39) 2-Hexanone-d5	10.93	63	76915	53.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	171952	29.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	184266	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	92123	19.305	ug/L	97
3) Chloromethane	2.21	50	110563	21.838	ug/L	98
5) Vinyl chloride	2.37	62	142749	27.393	ug/L	97
6) Bromomethane	2.78	94	111867	25.623	ug/L	99
8) Chloroethane	2.93	64	110169	25.553	ug/L	93
9) Trichlorofluoromethane	3.25	101	83767	20.350	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	117544	24.727	ug/L	97
12) 1,1-Dichloroethene	4.04	96	115622	25.920	ug/L	90
13) Acetone	4.12	43	70478	48.007	ug/L	99
14) Carbon disulfide	4.38	76	316043	26.326	ug/L	99
15) Methyl Acetate	4.67	43	87655	30.393	ug/L	98
16) Methylene chloride	4.91	84	136369	25.815	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	182310	28.885	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	119976	25.582	ug/L	92
19) 1,1-Dichloroethane	6.21	63	245375	28.695	ug/L	98
21) 2-Butanone	7.17	43	115291	56.876	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	139697	27.497	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	67548	27.721	ug/L	96
25) Chloroform	7.67	83	260431	29.082	ug/L	98
27) 1,2-Dichloroethane	8.40	62	203131	30.424	ug/L	97
30) Cyclohexane	7.95	56	190083	23.401	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	196120	27.455	ug/L	100
32) Carbon tetrachloride	8.06	117	189022	26.227	ug/L	99
34) Benzene	8.32	78	539646	27.566	ug/L	100
35) Trichloroethene	9.09	95	138239	26.501	ug/L	98
36) Methylcyclohexane	9.34	83	215502	23.879	ug/L	99
40) 1,2-Dichloropropane	9.37	63	141526	28.173	ug/L	99
41) Bromodichloromethane	9.64	83	201095	28.891	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	218473	26.702	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	257651	56.601	ug/L	99
44) Toluene	10.38	91	588552	27.497	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	189679	26.650	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	115716	28.874	ug/L	99
47) Tetrachloroethene	10.86	164	107963	24.495	ug/L	98
49) 2-Hexanone	10.97	43	183305	57.175	ug/L	99
50) Dibromochloromethane	11.13	129	141496	28.601	ug/L	97
51) 1,2-Dibromoethane	11.23	107	114824	28.262	ug/L #	92
52) Chlorobenzene	11.66	112	378849	27.597	ug/L	100
53) Ethylbenzene	11.73	91	666657	27.703	ug/L	99
54) m,p-Xylene	11.84	106	250189	27.366	ug/L	95
55) o-xylene	12.17	106	242768	27.219	ug/L	99
56) Styrene	12.18	104	431646	28.365	ug/L	97
57) Isopropylbenzene	12.46	105	662128	27.713	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	160362	29.660	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	120907	30.133	ug/L	99
62) Bromoform	12.35	173	88573	28.597	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	292448	26.769	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	314126	27.811	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	295912	28.402	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	31086	30.444	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	217967	25.579	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	183714	25.667	ug/L	100
69) Naphthalene	15.37	128	430317	28.998	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	184585	27.533	ug/L	100

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

