

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009946.D
 Acq On : 12 Apr 2019 07:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Apr 12 08:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 05:38:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	495208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483370	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148258	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.89	69	134474	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
10) 1,1-Dichloroethene-d2	4.02	63	363699	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.40%
20) 2-Butanone-d5	7.08	46	113700	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.65	84	377513	27.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.76%
26) 1,2-Dichloroethane-d4	8.30	65	228803	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	8.27	84	710824	28.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.04%
33) 1,2-Dichloropropane-d6	9.27	67	218630	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.60%
37) Toluene-d8	10.32	98	638798	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.92%
38) trans-1,3-Dichloropropene-	10.58	79	93699	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.93	63	79579	53.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	194425	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	230246	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	124927	19.151	ug/L	# 78
3) Chloromethane	2.21	50	149252	22.140	ug/L	100
5) Vinyl chloride	2.37	62	187123	21.640	ug/L	96
6) Bromomethane	2.78	94	120891	20.204	ug/L	99
8) Chloroethane	2.93	64	122799	21.637	ug/L	95
9) Trichlorofluoromethane	3.26	101	97222	18.328	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	171350	24.834	ug/L	97
12) 1,1-Dichloroethene	4.04	96	166075	25.249	ug/L	96
13) Acetone	4.12	43	95987	42.579	ug/L	99
14) Carbon disulfide	4.38	76	465369	22.763	ug/L	99
15) Methyl Acetate	4.67	43	122633	29.835	ug/L	98
16) Methylene chloride	4.92	84	208944	23.924	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	272086	30.029	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	182265	26.645	ug/L	97
19) 1,1-Dichloroethane	6.21	63	377083	28.725	ug/L	98
21) 2-Butanone	7.17	43	149015	51.974	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	208322	28.475	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	95757	28.529	ug/L	94
25) Chloroform	7.67	83	398197	28.959	ug/L	100
27) 1,2-Dichloroethane	8.40	62	297912	28.645	ug/L	98
30) Cyclohexane	7.96	56	289556	25.380	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	297011	27.087	ug/L	98
32) Carbon tetrachloride	8.07	117	282194	25.669	ug/L	99
34) Benzene	8.32	78	815095	28.027	ug/L	100
35) Trichloroethene	9.09	95	203743	26.770	ug/L	99
36) Methylcyclohexane	9.34	83	315259	25.195	ug/L	98
40) 1,2-Dichloropropane	9.37	63	216304	29.055	ug/L	99
41) Bromodichloromethane	9.65	83	292153	28.441	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	313360	27.170	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	336566	58.202	ug/L	100
44) Toluene	10.38	91	871393	28.285	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	274552	27.611	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	158048	28.284	ug/L	98
47) Tetrachloroethene	10.86	164	150180	25.054	ug/L	97
49) 2-Hexanone	10.97	43	236248	54.867	ug/L	98
50) Dibromochloromethane	11.13	129	191828	27.943	ug/L	99
51) 1,2-Dibromoethane	11.24	107	154599	27.604	ug/L	99
52) Chlorobenzene	11.66	112	546576	27.562	ug/L	100
53) Ethylbenzene	11.73	91	981608	27.971	ug/L	98
54) m,p-Xylene	11.84	106	363724	28.022	ug/L	99
55) o-xylene	12.17	106	357318	28.904	ug/L	95
56) Styrene	12.18	104	627985	29.276	ug/L	100
57) Isopropylbenzene	12.47	105	961298	28.398	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	212717	28.310	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	157031	28.075	ug/L	99
62) Bromoform	12.35	173	112935	26.700	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	411099	27.625	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	435083	27.417	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	400265	28.114	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	37231	26.865	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	297017	26.899	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	246426	27.790	ug/L	99
69) Naphthalene	15.37	128	537870	30.179	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	245306	29.572	ug/L	98

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

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