

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
 Data File : VW016856.D
 Acq On : 08 Oct 2020 16:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Oct 09 08:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 11:39:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	543092	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	482979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	247264	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148042	27.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.52%
7) Chloroethane-d5	2.90	69	121760	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.36%
10) 1,1-Dichloroethene-d2	4.03	63	304495	26.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.04%
20) 2-Butanone-d5	7.09	46	55380	45.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.28%
24) Chloroform-d	7.65	84	312794	27.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.16%
26) 1,2-Dichloroethane-d4	8.31	65	146797	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	8.27	84	619013	28.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.88%
33) 1,2-Dichloropropane-d6	9.28	67	165112	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.04%
37) Toluene-d8	10.33	98	573626	27.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.84%
38) trans-1,3-Dichloropropene-	10.58	79	70088	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.84%
39) 2-Hexanone-d5	10.93	63	48977	53.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126886	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	213027	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	156427	24.098	ug/L	95
3) Chloromethane	2.21	50	139391	24.360	ug/L	98
5) Vinyl chloride	2.37	62	206802	27.839	ug/L	100
6) Bromomethane	2.79	94	141207	25.856	ug/L	98
8) Chloroethane	2.93	64	122216	26.657	ug/L	99
9) Trichlorofluoromethane	3.26	101	147225	25.651	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	195003	26.669	ug/L	99
12) 1,1-Dichloroethene	4.04	96	186588	26.573	ug/L	97
13) Acetone	4.13	43	39828	43.370	ug/L	100
14) Carbon disulfide	4.39	76	529971	26.322	ug/L	99
15) Methyl Acetate	4.68	43	51361	23.408	ug/L	100
16) Methylene chloride	4.92	84	179941	24.008	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	202994	25.834	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	192559	26.250	ug/L	99
19) 1,1-Dichloroethane	6.22	63	296320	26.231	ug/L	98
21) 2-Butanone	7.18	43	62952	40.835	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	196325	26.229	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	89458	25.451	ug/L	94
25) Chloroform	7.68	83	319131	26.160	ug/L	99
27) 1,2-Dichloroethane	8.40	62	182801	25.049	ug/L	100
30) Cyclohexane	7.96	56	269908	26.948	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	277903	27.057	ug/L	100
32) Carbon tetrachloride	8.07	117	272990	27.237	ug/L	100
34) Benzene	8.33	78	707898	27.293	ug/L	100
35) Trichloroethene	9.09	95	195841	26.694	ug/L	99
36) Methylcyclohexane	9.34	83	327478	26.547	ug/L	99
40) 1,2-Dichloropropane	9.37	63	159637	27.219	ug/L	100
41) Bromodichloromethane	9.65	83	215086	26.105	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	249110	26.641	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	144948	49.091	ug/L	99
44) Toluene	10.39	91	773999	26.900	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	204963	26.048	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	124398	26.092	ug/L	99
47) Tetrachloroethene	10.87	164	177871	26.151	ug/L	99
49) 2-Hexanone	10.97	43	95543	49.024	ug/L	99
50) Dibromochloromethane	11.13	129	151707	25.596	ug/L	98
51) 1,2-Dibromoethane	11.24	107	119151	25.431	ug/L	96
52) Chlorobenzene	11.66	112	515898	26.717	ug/L	99
53) Ethylbenzene	11.73	91	875491	27.124	ug/L	100
54) m,p-Xylene	11.84	106	341409	27.197	ug/L	99
55) o-xylene	12.16	106	321853	26.834	ug/L	99
56) Styrene	12.18	104	546709	27.623	ug/L	96
57) Isopropylbenzene	12.47	105	896222	27.288	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	130260	24.722	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	93718	24.553	ug/L	100
62) Bromoform	12.35	173	88698	25.500	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	419297	26.645	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	409734	26.035	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	363196	25.777	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	19174	22.435	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	307874	26.320	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	240292	25.010	ug/L	99
69) Naphthalene	15.37	128	390311	24.533	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	201706	24.432	ug/L	96

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

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