

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016604.D
 Acq On : 22 Sep 2020 09:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Sep 23 07:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 16:13:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	622423	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	542783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	265697	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	125673	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
7) Chloroethane-d5	2.90	69	112401	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
10) 1,1-Dichloroethene-d2	4.03	63	294693	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.52%
20) 2-Butanone-d5	7.09	46	69883	42.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.08%
24) Chloroform-d	7.65	84	323204	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	157586	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	8.27	84	550451	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.27	67	159643	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	507341	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	78700	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.93	63	58475	48.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136712	24.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	213490	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	208645	27.135	ug/L 96
3) Chloromethane	2.23	50	163862	29.125	ug/L 97
5) Vinyl chloride	2.37	62	232870	28.048	ug/L 98
6) Bromomethane	2.79	94	166536	26.435	ug/L 98
8) Chloroethane	2.94	64	139204	28.342	ug/L 99
9) Trichlorofluoromethane	3.27	101	212056	25.333	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	217035	27.064	ug/L 99
12) 1,1-Dichloroethene	4.05	96	212050	26.896	ug/L 90
13) Acetone	4.14	43	50901	39.560	ug/L 95
14) Carbon disulfide	4.39	76	629622	26.471	ug/L 100
15) Methyl Acetate	4.68	43	65666	22.412	ug/L 99
16) Methylene chloride	4.92	84	198771	20.706	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	258626	23.950	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	216968	26.575	ug/L 99
19) 1,1-Dichloroethane	6.22	63	343345	26.592	ug/L 100
21) 2-Butanone	7.18	43	82468	37.674	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	227635	26.871	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	104715	25.427	ug/L	95
25) Chloroform	7.68	83	373459	26.530	ug/L	99
27) 1,2-Dichloroethane	8.40	62	228572	25.306	ug/L	99
30) Cyclohexane	7.96	56	315717	26.617	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	343517	27.098	ug/L	100
32) Carbon tetrachloride	8.07	117	338783	27.508	ug/L	99
34) Benzene	8.33	78	791613	27.210	ug/L	100
35) Trichloroethene	9.10	95	227649	27.046	ug/L	99
36) Methylcyclohexane	9.34	83	387415	27.136	ug/L	99
40) 1,2-Dichloropropane	9.37	63	177932	26.297	ug/L	100
41) Bromodichloromethane	9.65	83	267576	26.685	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	301696	26.104	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	193400	44.988	ug/L	98
44) Toluene	10.39	91	892405	27.279	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	266548	26.507	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	144997	25.437	ug/L	100
47) Tetrachloroethene	10.87	164	208545	27.438	ug/L	93
49) 2-Hexanone	10.97	43	128818	47.215	ug/L	98
50) Dibromochloromethane	11.13	129	195874	26.319	ug/L	94
51) 1,2-Dibromoethane	11.24	107	144521	25.322	ug/L	97
52) Chlorobenzene	11.66	112	588906	26.800	ug/L	98
53) Ethylbenzene	11.73	91	1008333	27.149	ug/L	94
54) m,p-Xylene	11.84	106	391080	26.891	ug/L	97
55) o-xylene	12.16	106	366660	26.316	ug/L	92
56) Styrene	12.18	104	616955	26.666	ug/L	99
57) Isopropylbenzene	12.46	105	1015686	26.678	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	156908	24.615	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	112856	23.770	ug/L	99
62) Bromoform	12.35	173	116139	25.915	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	464651	26.887	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	459434	27.146	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	415839	26.929	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	26742	24.160	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	344181	27.231	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	275082	26.905	ug/L	95
69) Naphthalene	15.36	128	475150	26.215	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	237865	27.050	ug/L	99

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

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