

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017272.D
 Acq On : 17 Nov 2020 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Nov 18 02:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 17:42:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416044	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215239	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113469	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.90	69	107707	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
10) 1,1-Dichloroethene-d2	4.03	63	245146	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.12%
20) 2-Butanone-d5	7.08	46	65672	49.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
24) Chloroform-d	7.65	84	293679	26.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	8.31	65	143655	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	8.27	84	525908	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	9.27	67	148885	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	504704	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.04%
38) trans-1,3-Dichloropropene-	10.58	79	67256	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.84%
39) 2-Hexanone-d5	10.93	63	53083	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132840	26.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	205586	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	108329	23.096	ug/L	100
3) Chloromethane	2.22	50	84703	19.898	ug/L	96
5) Vinyl chloride	2.37	62	148776	23.829	ug/L	100
6) Bromomethane	2.79	94	114695	26.564	ug/L	99
8) Chloroethane	2.93	64	95230	25.279	ug/L	99
9) Trichlorofluoromethane	3.27	101	146715	28.893	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	159239	26.389	ug/L	98
12) 1,1-Dichloroethene	4.05	96	143200	24.680	ug/L	89
13) Acetone	4.13	43	42523	48.229	ug/L	92
14) Carbon disulfide	4.39	76	331716	21.008	ug/L	99
15) Methyl Acetate	4.68	43	45598	20.866	ug/L	94
16) Methylene chloride	4.92	84	144924	22.994	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	192443	27.162	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	150593	25.073	ug/L	94
19) 1,1-Dichloroethane	6.22	63	243261	25.564	ug/L	98
21) 2-Butanone	7.17	43	61564	43.486	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	164489	25.902	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	79187	25.899	ug/L	89
25) Chloroform	7.68	83	276971	26.735	ug/L	98
27) 1,2-Dichloroethane	8.40	62	164187	26.446	ug/L	98
30) Cyclohexane	7.96	56	194281	24.801	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	254164	29.832	ug/L	98
32) Carbon tetrachloride	8.07	117	246503	29.984	ug/L	98
34) Benzene	8.33	78	560941	25.677	ug/L	100
35) Trichloroethene	9.09	95	163843	26.773	ug/L	98
36) Methylcyclohexane	9.34	83	253076	25.700	ug/L	96
40) 1,2-Dichloropropane	9.37	63	130018	25.459	ug/L	98
41) Bromodichloromethane	9.65	83	198260	28.070	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	219457	27.131	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	139940	44.415	ug/L	98
44) Toluene	10.39	91	643098	26.744	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	191392	27.552	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	112359	25.519	ug/L	97
47) Tetrachloroethene	10.87	164	150274	27.217	ug/L	99
49) 2-Hexanone	10.97	43	91022	47.919	ug/L	96
50) Dibromochloromethane	11.13	129	152152	28.364	ug/L	94
51) 1,2-Dibromoethane	11.24	107	109542	25.609	ug/L	96
52) Chlorobenzene	11.66	112	440209	27.066	ug/L	100
53) Ethylbenzene	11.73	91	747386	27.826	ug/L	99
54) m,p-Xylene	11.84	106	288698	27.477	ug/L	99
55) o-xylene	12.17	106	282473	28.325	ug/L	100
56) Styrene	12.18	104	468689	27.992	ug/L	99
57) Isopropylbenzene	12.46	105	789643	29.176	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	124083	24.395	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	88077	24.090	ug/L	99
62) Bromoform	12.35	173	89117	26.973	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	371417	27.740	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	364606	27.105	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	334603	27.712	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	19329	24.212	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	282777	28.661	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	228318	28.998	ug/L	97
69) Naphthalene	15.37	128	385960	26.637	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	192214	26.718	ug/L	98

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

