

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017094.D
 Acq On : 06 Nov 2020 10:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Nov 07 04:29:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 12:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	483634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146195	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	2.89	69	115255	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.20%
10) 1,1-Dichloroethene-d2	4.03	63	256116	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.04%
20) 2-Butanone-d5	7.08	46	58996	43.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.62%
24) Chloroform-d	7.65	84	280201	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	133514	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	8.27	84	542838	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	151056	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.32	98	504266	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.52%
38) trans-1,3-Dichloropropene-	10.58	79	66672	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	48264	43.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127126	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	195239	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	120872	24.910	ug/L 98
3) Chloromethane	2.21	50	100694	22.864	ug/L 97
5) Vinyl chloride	2.37	62	158394	24.523	ug/L 99
6) Bromomethane	2.78	94	106743	23.897	ug/L 98
8) Chloroethane	2.93	64	95161	24.418	ug/L 97
9) Trichlorofluoromethane	3.26	101	124420	23.684	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	155516	24.912	ug/L # 66
12) 1,1-Dichloroethene	4.04	96	144424	24.060	ug/L 93
13) Acetone	4.12	43	38694	42.422	ug/L 100
14) Carbon disulfide	4.39	76	377907	23.134	ug/L 100
15) Methyl Acetate	4.67	43	46984	20.782	ug/L 98
16) Methylene chloride	4.92	84	151255	23.197	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	167603	22.866	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	148941	23.970	ug/L 97
19) 1,1-Dichloroethane	6.21	63	241508	24.533	ug/L 99
21) 2-Butanone	7.17	43	59880	40.885	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	156603	23.837	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74054	23.412	ug/L	95
25) Chloroform	7.68	83	264235	24.654	ug/L	99
27) 1,2-Dichloroethane	8.40	62	150812	23.481	ug/L	98
30) Cyclohexane	7.96	56	199574	23.597	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	229198	24.916	ug/L	99
32) Carbon tetrachloride	8.07	117	222340	25.049	ug/L	99
34) Benzene	8.32	78	559785	23.733	ug/L	100
35) Trichloroethene	9.09	95	157643	23.859	ug/L	99
36) Methylcyclohexane	9.34	83	257227	24.194	ug/L	99
40) 1,2-Dichloropropane	9.37	63	130971	23.754	ug/L	99
41) Bromodichloromethane	9.65	83	186058	24.399	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	208487	23.873	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	136571	40.148	ug/L	99
44) Toluene	10.39	91	641032	24.691	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	179785	23.971	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	110727	23.293	ug/L	99
47) Tetrachloroethene	10.86	164	137269	23.027	ug/L	98
49) 2-Hexanone	10.97	43	89916	43.844	ug/L	97
50) Dibromochloromethane	11.13	129	137603	23.759	ug/L	98
51) 1,2-Dibromoethane	11.24	107	105810	22.911	ug/L	96
52) Chlorobenzene	11.66	112	420638	23.955	ug/L	95
53) Ethylbenzene	11.73	91	719004	24.794	ug/L	98
54) m,p-Xylene	11.84	106	278794	24.577	ug/L	95
55) o-xylene	12.16	106	268090	24.899	ug/L	95
56) Styrene	12.18	104	450196	24.904	ug/L	98
57) Isopropylbenzene	12.46	105	730016	24.983	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	122738	22.350	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	87110	22.068	ug/L	99
62) Bromoform	12.35	173	77356	22.480	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	347333	24.908	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	344661	24.601	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	319364	25.396	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18436	22.174	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	265679	25.855	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	219357	26.750	ug/L	97
69) Naphthalene	15.37	128	370735	24.567	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	188720	25.187	ug/L	98

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

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