

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017317.D
 Acq On : 18 Nov 2020 04:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Nov 18 04:54:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	402279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183714	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99805	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.80%
7) Chloroethane-d5	2.89	69	95825	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.03	63	209846	23.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.60%
20) 2-Butanone-d5	7.07	46	57080	50.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.74%
24) Chloroform-d	7.65	84	271012	28.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.44%
26) 1,2-Dichloroethane-d4	8.30	65	129274	27.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.76%
29) Benzene-d6	8.27	84	496594	26.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.84%
33) 1,2-Dichloropropane-d6	9.28	67	140993	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.60%
37) Toluene-d8	10.32	98	459216	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.80%
38) trans-1,3-Dichloropropene-	10.58	79	57212	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.84%
39) 2-Hexanone-d5	10.93	63	46882	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121945	26.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	181407	28.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	79377	19.667	ug/L	98
3) Chloromethane	2.21	50	81903	22.359	ug/L	100
5) Vinyl chloride	2.36	62	131483	24.473	ug/L	98
6) Bromomethane	2.78	94	94758	25.504	ug/L	98
8) Chloroethane	2.92	64	86927	26.816	ug/L	97
9) Trichlorofluoromethane	3.26	101	119778	27.412	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	132590	25.535	ug/L	99
12) 1,1-Dichloroethene	4.04	96	123944	24.824	ug/L	90
13) Acetone	4.12	43	33549	44.219	ug/L	98
14) Carbon disulfide	4.38	76	287785	21.180	ug/L	100
15) Methyl Acetate	4.67	43	40541	21.559	ug/L	96
16) Methylene chloride	4.92	84	139218	25.669	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	163844	26.874	ug/L #	92
18) trans-1,2-Dichloroethene	5.43	96	134146	25.955	ug/L	96
19) 1,1-Dichloroethane	6.22	63	224892	27.465	ug/L	96
21) 2-Butanone	7.17	43	51297	42.108	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	146354	26.782	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68105	25.886	ug/L	95
25) Chloroform	7.68	83	254587	28.558	ug/L	100
27) 1,2-Dichloroethane	8.40	62	145568	27.248	ug/L	96
30) Cyclohexane	7.96	56	166309	23.740	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	217192	28.506	ug/L	99
32) Carbon tetrachloride	8.07	117	205740	27.984	ug/L	98
34) Benzene	8.32	78	523035	26.772	ug/L	100
35) Trichloroethene	9.09	95	143726	26.262	ug/L	99
36) Methylcyclohexane	9.34	83	217339	24.680	ug/L	99
40) 1,2-Dichloropropane	9.37	63	122128	26.742	ug/L	100
41) Bromodichloromethane	9.65	83	178022	28.184	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	187486	25.919	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	118568	42.081	ug/L	99
44) Toluene	10.39	91	589877	27.430	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	158950	25.587	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	100050	25.409	ug/L	97
47) Tetrachloroethene	10.87	164	123544	25.021	ug/L	98
49) 2-Hexanone	10.97	43	78487	46.205	ug/L	97
50) Dibromochloromethane	11.13	129	127708	26.622	ug/L	99
51) 1,2-Dibromoethane	11.24	107	94941	24.819	ug/L	100
52) Chlorobenzene	11.66	112	394811	27.145	ug/L	99
53) Ethylbenzene	11.73	91	668399	27.827	ug/L	97
54) m,p-Xylene	11.84	106	256731	27.324	ug/L	97
55) o-xylene	12.17	106	247988	27.807	ug/L	99
56) Styrene	12.18	104	419584	28.022	ug/L	98
57) Isopropylbenzene	12.47	105	687913	28.422	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	110393	24.269	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	76577	23.421	ug/L	100
62) Bromoform	12.35	173	71439	25.332	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	314936	27.558	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	311023	27.089	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	284775	27.632	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	16004	23.487	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	226526	26.899	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	183439	27.296	ug/L	97
69) Naphthalene	15.36	128	304136	24.592	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	161801	26.350	ug/L	98

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

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