

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017428.D
 Acq On : 20 Nov 2020 19:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Nov 21 00:34:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 00:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347008	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96669	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	2.89	69	88797	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.02	63	194756	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.68%
20) 2-Butanone-d5	7.08	46	40128	47.56	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
24) Chloroform-d	7.65	84	212220	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	102751	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.27	84	407017	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	9.27	67	109876	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	400446	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.58	79	50356	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.92	63	33333	51.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89242	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	148479	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	80054	24.829	ug/L	99
3) Chloromethane	2.21	50	69228	19.745	ug/L	97
5) Vinyl chloride	2.37	62	115722	22.473	ug/L	99
6) Bromomethane	2.78	94	95697	24.750	ug/L	100
8) Chloroethane	2.93	64	76217	23.649	ug/L	96
9) Trichlorofluoromethane	3.26	101	97626	21.307	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	115115	24.209	ug/L	99
12) 1,1-Dichloroethene	4.04	96	110589	24.215	ug/L	92
13) Acetone	4.12	43	24851	40.371	ug/L	99
14) Carbon disulfide	4.39	76	300273	22.384	ug/L	98
15) Methyl Acetate	4.67	43	31523	23.383	ug/L	97
16) Methylene chloride	4.92	84	111301	18.752	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	132526	24.627	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	117544	24.047	ug/L	97
19) 1,1-Dichloroethane	6.21	63	177401	23.726	ug/L	98
21) 2-Butanone	7.17	43	41625	44.111	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	123068	24.790	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	57828	24.827	ug/L	94
25) Chloroform	7.68	83	200959	24.032	ug/L	99
27) 1,2-Dichloroethane	8.40	62	118375	24.427	ug/L	100
30) Cyclohexane	7.96	56	151554	23.598	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	180827	24.109	ug/L	99
32) Carbon tetrachloride	8.07	117	174300	24.348	ug/L	99
34) Benzene	8.32	78	421734	23.294	ug/L	100
35) Trichloroethene	9.09	95	122908	23.999	ug/L	98
36) Methylcyclohexane	9.34	83	202789	24.782	ug/L	98
40) 1,2-Dichloropropane	9.37	63	96441	23.549	ug/L	98
41) Bromodichloromethane	9.65	83	140966	24.509	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	158049	24.866	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	93873	46.183	ug/L	98
44) Toluene	10.39	91	491512	24.474	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	135743	25.207	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	78841	24.437	ug/L	97
47) Tetrachloroethene	10.87	164	116162	25.016	ug/L	94
49) 2-Hexanone	10.97	43	64477	52.704	ug/L	94
50) Dibromochloromethane	11.13	129	102785	24.917	ug/L	97
51) 1,2-Dibromoethane	11.24	107	79433	25.099	ug/L	95
52) Chlorobenzene	11.66	112	325406	24.333	ug/L	99
53) Ethylbenzene	11.73	91	551879	24.505	ug/L	97
54) m,p-Xylene	11.84	106	217185	25.027	ug/L	88
55) o-xylene	12.16	106	204449	24.826	ug/L	90
56) Styrene	12.18	104	347570	25.459	ug/L	100
57) Isopropylbenzene	12.46	105	574600	25.478	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	83835	23.990	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	59888	23.731	ug/L	100
62) Bromoform	12.35	173	58657	24.349	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	265895	23.831	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	260929	23.702	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	236409	24.378	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	12770	23.626	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	204077	25.140	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	162616	26.103	ug/L	99
69) Naphthalene	15.36	128	240050	26.839	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	138284	25.231	ug/L	95

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

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