

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113020\
 Data File : VW017514.D
 Acq On : 30 Nov 2020 13:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Nov 30 15:03:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 30 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	463061	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133762	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
7) Chloroethane-d5	2.89	69	107577	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
10) 1,1-Dichloroethene-d2	4.02	63	297801	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.84%
20) 2-Butanone-d5	7.08	46	75987	59.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.30%
24) Chloroform-d	7.65	84	302440	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	160463	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.44%
29) Benzene-d6	8.27	84	576718	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	166295	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	537462	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	78184	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.56%
39) 2-Hexanone-d5	10.93	63	55778	64.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140438	27.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	197605	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	86529	19.665	ug/L 93
3) Chloromethane	2.21	50	94533	20.868	ug/L 95
5) Vinyl chloride	2.37	62	140856	25.072	ug/L 100
6) Bromomethane	2.78	94	91453	22.606	ug/L 100
8) Chloroethane	2.93	64	86124	22.817	ug/L 99
9) Trichlorofluoromethane	3.26	101	124925	19.419	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	159645	24.245	ug/L # 68
12) 1,1-Dichloroethene	4.04	96	152092	23.687	ug/L 93
13) Acetone	4.13	43	73412	59.390	ug/L 94
14) Carbon disulfide	4.39	76	423536	23.062	ug/L 98
15) Methyl Acetate	4.67	43	64215	29.845	ug/L 98
16) Methylene chloride	4.92	84	161475	23.226	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	178810	25.892	ug/L # 90
18) trans-1,2-Dichloroethene	5.42	96	160763	24.357	ug/L 98
19) 1,1-Dichloroethane	6.21	63	275502	24.722	ug/L 98
21) 2-Butanone	7.17	43	92637	62.626	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	170683	24.785	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	80458	25.720	ug/L	98
25) Chloroform	7.68	83	291293	24.760	ug/L	99
27) 1,2-Dichloroethane	8.40	62	185310	26.154	ug/L	100
30) Cyclohexane	7.96	56	249306	25.302	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	247310	25.296	ug/L	99
32) Carbon tetrachloride	8.07	117	246230	25.937	ug/L	99
34) Benzene	8.32	78	622135	25.058	ug/L	100
35) Trichloroethene	9.09	95	170143	24.719	ug/L	99
36) Methylcyclohexane	9.34	83	287586	25.266	ug/L	100
40) 1,2-Dichloropropane	9.37	63	150788	25.856	ug/L	99
41) Bromodichloromethane	9.65	83	212248	26.341	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	246054	27.240	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	173440	64.601	ug/L	98
44) Toluene	10.39	91	680465	25.469	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	218045	28.169	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	117612	26.916	ug/L	97
47) Tetrachloroethene	10.87	164	144815	24.693	ug/L	94
49) 2-Hexanone	10.97	43	133303	70.305	ug/L	90
50) Dibromochloromethane	11.13	129	149002	27.299	ug/L	98
51) 1,2-Dibromoethane	11.23	107	115444	27.567	ug/L #	99
52) Chlorobenzene	11.66	112	442152	25.273	ug/L	95
53) Ethylbenzene	11.73	91	780505	25.766	ug/L	98
54) m,p-Xylene	11.84	106	294012	25.439	ug/L	93
55) o-xylene	12.16	106	279310	25.947	ug/L	99
56) Styrene	12.18	104	479013	26.452	ug/L	99
57) Isopropylbenzene	12.46	105	772698	26.133	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	139319	29.623	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	102948	29.657	ug/L	99
62) Bromoform	12.35	173	89725	28.237	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	353730	24.474	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	360692	25.191	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	328021	26.057	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	24255	29.925	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	269889	26.066	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	226933	27.112	ug/L	95
69) Naphthalene	15.36	128	394440	30.519	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	198423	28.420	ug/L	99

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

