

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017452.D
 Acq On : 21 Nov 2020 06:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Nov 21 06:59:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413079	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	463892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224847	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114802	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
7) Chloroethane-d5	2.89	69	119682	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.03	63	213080	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.68%
20) 2-Butanone-d5	7.08	46	56870	56.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.26%
24) Chloroform-d	7.65	84	240714	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	8.31	65	146088	27.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.44%
29) Benzene-d6	8.27	84	610062	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	130666	18.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.04%
37) Toluene-d8	10.32	98	619487	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	77035	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.60%
39) 2-Hexanone-d5	10.93	63	62210	66.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127194	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	247900	29.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	61185	15.941	ug/L	97
3) Chloromethane	2.21	50	89709	21.494	ug/L	99
5) Vinyl chloride	2.36	62	130640	21.312	ug/L	97
6) Bromomethane	2.78	94	112994	24.549	ug/L	99
8) Chloroethane	2.92	64	99608	25.963	ug/L	97
9) Trichlorofluoromethane	3.26	101	104232	19.111	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	125555	22.181	ug/L	97
12) 1,1-Dichloroethene	4.04	96	117312	21.578	ug/L	94
13) Acetone	4.12	43	36327	49.575	ug/L	94
14) Carbon disulfide	4.39	76	339514	21.261	ug/L	99
15) Methyl Acetate	4.67	43	42056	26.206	ug/L	99
16) Methylene chloride	4.92	84	122932	17.398	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	157325	24.559	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	119047	20.459	ug/L	97
19) 1,1-Dichloroethane	6.21	63	191838	21.553	ug/L	99
21) 2-Butanone	7.17	43	56588	50.376	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	131491	22.250	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	63659	22.959	ug/L	99
25) Chloroform	7.68	83	220104	22.111	ug/L	99
27) 1,2-Dichloroethane	8.40	62	163415	28.328	ug/L	95
30) Cyclohexane	7.96	56	221896	23.869	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	226543	20.867	ug/L	99
32) Carbon tetrachloride	8.07	117	230302	22.226	ug/L	96
34) Benzene	8.32	78	624638	23.835	ug/L	100
35) Trichloroethene	9.09	95	131162	17.693	ug/L	97
36) Methylcyclohexane	9.34	83	217954	18.402	ug/L	98
40) 1,2-Dichloropropane	9.37	63	111325	18.780	ug/L	99
41) Bromodichloromethane	9.65	83	160488	19.278	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	181356	19.712	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	145547	49.470	ug/L	98
44) Toluene	10.39	91	734923	25.282	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	200088	25.670	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	125565	26.889	ug/L	98
47) Tetrachloroethene	10.86	164	156881	23.341	ug/L	98
49) 2-Hexanone	10.97	43	103437	58.413	ug/L	97
50) Dibromochloromethane	11.13	129	158526	26.550	ug/L	98
51) 1,2-Dibromoethane	11.24	107	119996	26.195	ug/L	98
52) Chlorobenzene	11.66	112	429847	22.206	ug/L	99
53) Ethylbenzene	11.73	91	663069	20.341	ug/L	96
54) m,p-Xylene	11.84	106	259968	20.696	ug/L	93
55) o-xylene	12.17	106	247302	20.747	ug/L	98
56) Styrene	12.18	104	422883	21.400	ug/L	100
57) Isopropylbenzene	12.46	105	688738	21.099	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	114576	22.652	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	82829	22.676	ug/L	98
62) Bromoform	12.35	173	77170	24.392	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	324493	22.145	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	318251	22.013	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	386049	30.312	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21616	30.452	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	283471	26.591	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	236064	28.854	ug/L	96
69) Naphthalene	15.36	128	373853	31.828	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	202184	28.090	ug/L	99

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

