

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113020\
 Data File : VW017509.D
 Acq On : 30 Nov 2020 09:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Nov 30 12:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	483469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	159959	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
7) Chloroethane-d5	2.89	69	125337	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
10) 1,1-Dichloroethene-d2	4.03	63	339222	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.84%
20) 2-Butanone-d5	7.08	46	79977	59.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.26%
24) Chloroform-d	7.65	84	352021	25.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	8.31	65	178632	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	674414	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	9.27	67	193075	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	619613	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloropropene-	10.58	79	89171	27.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.28%
39) 2-Hexanone-d5	10.93	63	57068	63.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153768	29.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	224000	26.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	93742	20.405	ug/L	98
3) Chloromethane	2.22	50	92678	19.595	ug/L	99
5) Vinyl chloride	2.37	62	144372	24.613	ug/L	97
6) Bromomethane	2.79	94	92356	21.866	ug/L	98
8) Chloroethane	2.93	64	89054	22.597	ug/L	97
9) Trichlorofluoromethane	3.27	101	137326	20.445	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	160486	23.344	ug/L #	67
12) 1,1-Dichloroethene	4.05	96	155782	23.238	ug/L	96
13) Acetone	4.14	43	62865	48.711	ug/L	93
14) Carbon disulfide	4.39	76	437347	22.809	ug/L	97
15) Methyl Acetate	4.67	43	61002	27.155	ug/L	98
16) Methylene chloride	4.92	84	156339	21.538	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	187102	25.949	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	163962	23.793	ug/L	98
19) 1,1-Dichloroethane	6.22	63	278260	23.916	ug/L	99
21) 2-Butanone	7.18	43	82131	53.180	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	171303	23.825	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	77313	23.672	ug/L	98
25) Chloroform	7.68	83	296873	24.169	ug/L	100
27) 1,2-Dichloroethane	8.40	62	182376	24.653	ug/L	99
30) Cyclohexane	7.96	56	249995	24.418	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	249277	24.539	ug/L	99
32) Carbon tetrachloride	8.07	117	245827	24.922	ug/L	99
34) Benzene	8.32	78	624362	24.203	ug/L	100
35) Trichloroethene	9.09	95	171902	24.036	ug/L	99
36) Methylcyclohexane	9.34	83	284918	24.091	ug/L	98
40) 1,2-Dichloropropane	9.37	63	149484	24.670	ug/L	100
41) Bromodichloromethane	9.65	83	210055	25.090	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	243774	25.974	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	161878	58.029	ug/L	98
44) Toluene	10.39	91	691225	24.900	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	213440	26.538	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	115568	25.454	ug/L	99
47) Tetrachloroethene	10.87	164	142598	23.402	ug/L	89
49) 2-Hexanone	10.97	43	116258	59.011	ug/L	93
50) Dibromochloromethane	11.13	129	148853	26.247	ug/L	99
51) 1,2-Dibromoethane	11.24	107	112269	25.802	ug/L	96
52) Chlorobenzene	11.66	112	446487	24.562	ug/L	97
53) Ethylbenzene	11.73	91	777782	24.711	ug/L	97
54) m,p-Xylene	11.84	106	294364	24.512	ug/L	93
55) o-xylene	12.16	106	282534	25.260	ug/L	97
56) Styrene	12.18	104	479975	25.509	ug/L	99
57) Isopropylbenzene	12.46	105	772760	25.153	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	132352	27.084	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	96344	26.711	ug/L	100
62) Bromoform	12.35	173	87988	27.219	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	355514	24.179	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	353002	24.234	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	319609	24.956	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22491	27.276	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	262701	24.940	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	220184	25.858	ug/L	94
69) Naphthalene	15.37	128	379438	28.859	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	190817	26.865	ug/L	98

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

