

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017226.D
 Acq On : 15 Nov 2020 09:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Nov 16 09:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 09:41:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417370	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129121	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	112671	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.24%
10) 1,1-Dichloroethene-d2	4.02	63	240905	25.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.48%
20) 2-Butanone-d5	7.08	46	60974	51.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.74%
24) Chloroform-d	7.65	84	283649	29.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.44%
26) 1,2-Dichloroethane-d4	8.31	65	137755	28.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.76%
29) Benzene-d6	8.27	84	530012	27.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.40%
33) 1,2-Dichloropropane-d6	9.27	67	150350	28.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.24%
37) Toluene-d8	10.32	98	497916	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.00%
38) trans-1,3-Dichloropropene-	10.58	79	64340	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.48%
39) 2-Hexanone-d5	10.93	63	49386	53.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129553	28.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	195661	29.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	85734	20.474	ug/L	93
3) Chloromethane	2.21	50	84326	22.188	ug/L	99
5) Vinyl chloride	2.37	62	138124	24.780	ug/L	99
6) Bromomethane	2.78	94	97100	25.189	ug/L	97
8) Chloroethane	2.93	64	86915	25.842	ug/L	94
9) Trichlorofluoromethane	3.26	101	123095	27.152	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	138579	25.723	ug/L	100
12) 1,1-Dichloroethene	4.04	96	127937	24.698	ug/L	92
13) Acetone	4.14	43	33897	43.063	ug/L	99
14) Carbon disulfide	4.39	76	305348	21.660	ug/L	98
15) Methyl Acetate	4.68	43	38812	19.893	ug/L	95
16) Methylene chloride	4.92	84	128312	22.803	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	161359	25.509	ug/L #	92
18) trans-1,2-Dichloroethene	5.43	96	129293	24.112	ug/L	96
19) 1,1-Dichloroethane	6.22	63	216466	25.480	ug/L	98
21) 2-Butanone	7.18	43	53243	42.125	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	142070	25.058	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66060	24.200	ug/L	98
25) Chloroform	7.68	83	239735	25.919	ug/L	100
27) 1,2-Dichloroethane	8.40	62	142343	25.681	ug/L	96
30) Cyclohexane	7.96	56	170299	23.985	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	215513	27.907	ug/L	99
32) Carbon tetrachloride	8.07	117	202699	27.202	ug/L	99
34) Benzene	8.32	78	496296	25.063	ug/L	100
35) Trichloroethene	9.09	95	139517	25.152	ug/L	99
36) Methylcyclohexane	9.34	83	221728	24.842	ug/L	99
40) 1,2-Dichloropropane	9.37	63	115607	24.975	ug/L	99
41) Bromodichloromethane	9.65	83	168790	26.365	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	188898	25.764	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	118529	41.504	ug/L	99
44) Toluene	10.39	91	559109	25.652	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	163164	25.914	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	96475	24.174	ug/L	99
47) Tetrachloroethene	10.87	164	126885	25.354	ug/L	92
49) 2-Hexanone	10.97	43	79343	46.084	ug/L	96
50) Dibromochloromethane	11.13	129	120691	24.822	ug/L	95
51) 1,2-Dibromoethane	11.24	107	92074	23.748	ug/L	98
52) Chlorobenzene	11.66	112	366824	24.883	ug/L	95
53) Ethylbenzene	11.73	91	639045	26.249	ug/L	97
54) m,p-Xylene	11.84	106	245921	25.823	ug/L	100
55) o-xylene	12.17	106	233388	25.819	ug/L	99
56) Styrene	12.18	104	398607	26.264	ug/L	98
57) Isopropylbenzene	12.46	105	661397	26.961	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	108479	23.529	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	77164	23.285	ug/L	98
62) Bromoform	12.35	173	70021	24.230	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	296189	25.292	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	298528	25.373	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	275456	26.083	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15614	22.362	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	222497	25.783	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	180696	26.239	ug/L	99
69) Naphthalene	15.37	128	301009	23.752	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	150513	23.920	ug/L	96

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

