

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017567.D
 Acq On : 04 Dec 2020 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Dec 20 01:49:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	393140	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111916	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	2.89	69	95602	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.03	63	252272	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.64%
20) 2-Butanone-d5	7.08	46	66784	61.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.48%
24) Chloroform-d	7.65	84	273418	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	142609	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.08%
29) Benzene-d6	8.27	84	511024	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	146302	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.56%
37) Toluene-d8	10.33	98	468563	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	10.58	79	64581	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	45320	60.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124002	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	163493	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	65758	17.602	ug/L	95
3) Chloromethane	2.22	50	83326	21.665	ug/L	98
5) Vinyl chloride	2.37	62	123456	25.883	ug/L	99
6) Bromomethane	2.79	94	84869	24.710	ug/L	99
8) Chloroethane	2.93	64	79697	24.869	ug/L	98
9) Trichlorofluoromethane	3.27	101	117011	21.424	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	136233	24.369	ug/L #	69
12) 1,1-Dichloroethene	4.06	96	127423	23.375	ug/L	93
13) Acetone	4.12	43	48944	46.638	ug/L	93
14) Carbon disulfide	4.40	76	359822	23.077	ug/L	99
15) Methyl Acetate	4.67	43	57475	31.463	ug/L	95
16) Methylene chloride	4.92	84	146619	24.840	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	160865	27.436	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	134196	23.948	ug/L	97
19) 1,1-Dichloroethane	6.22	63	243261	25.711	ug/L	99
21) 2-Butanone	7.18	43	73002	58.129	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	147648	25.253	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66987	25.223	ug/L	94
25) Chloroform	7.68	83	262164	26.247	ug/L	100
27) 1,2-Dichloroethane	8.40	62	163209	27.132	ug/L	99
30) Cyclohexane	7.96	56	205880	24.228	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	216947	25.730	ug/L	99
32) Carbon tetrachloride	8.07	117	208848	25.509	ug/L	99
34) Benzene	8.33	78	548055	25.596	ug/L	100
35) Trichloroethene	9.09	95	145060	24.437	ug/L	99
36) Methylcyclohexane	9.34	83	232084	23.643	ug/L	99
40) 1,2-Dichloropropane	9.37	63	136016	27.044	ug/L	99
41) Bromodichloromethane	9.65	83	184791	26.593	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	210151	26.977	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	137876	59.547	ug/L	99
44) Toluene	10.39	91	589896	25.602	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	183993	27.562	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	103031	27.341	ug/L	96
47) Tetrachloroethene	10.87	164	126954	25.101	ug/L	94
49) 2-Hexanone	10.97	43	103794	63.475	ug/L	90
50) Dibromochloromethane	11.13	129	127083	26.997	ug/L	97
51) 1,2-Dibromoethane	11.24	107	99848	27.647	ug/L #	98
52) Chlorobenzene	11.66	112	384845	25.507	ug/L	96
53) Ethylbenzene	11.73	91	669374	25.622	ug/L	98
54) m,p-Xylene	11.84	106	255108	25.594	ug/L	95
55) o-xylene	12.17	106	238280	25.667	ug/L	97
56) Styrene	12.18	104	411892	26.374	ug/L	98
57) Isopropylbenzene	12.46	105	664102	26.044	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	121292	29.904	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	86899	29.027	ug/L	99
62) Bromoform	12.35	173	70707	25.976	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	302440	24.427	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	302102	24.630	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	270949	25.126	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19261	27.741	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	199331	22.474	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	168645	23.520	ug/L	93
69) Naphthalene	15.37	128	301532	27.235	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	153855	25.725	ug/L	99

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

