

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017029.D
 Acq On : 29 Oct 2020 17:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Oct 30 01:57:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	451237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430250	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112608	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
7) Chloroethane-d5	2.89	69	95617	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.03	63	237156	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.64%
20) 2-Butanone-d5	7.08	46	66474	67.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.52%#
24) Chloroform-d	7.65	84	268143	25.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	8.31	65	128980	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	8.27	84	522426	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	149080	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.33	98	502310	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloropropene-	10.58	79	64810	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.93	63	56525	67.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132187	29.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	201392	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	133900	26.016	ug/L 100
3) Chloromethane	2.21	50	109877	24.734	ug/L 100
5) Vinyl chloride	2.37	62	168083	25.832	ug/L 99
6) Bromomethane	2.78	94	113648	25.717	ug/L 99
8) Chloroethane	2.93	64	99107	26.467	ug/L 97
9) Trichlorofluoromethane	3.26	101	125443	24.307	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	166352	26.744	ug/L 98
12) 1,1-Dichloroethene	4.04	96	154109	26.090	ug/L 97
13) Acetone	4.12	43	41020	62.140	ug/L 99
14) Carbon disulfide	4.39	76	437654	24.440	ug/L 100
15) Methyl Acetate	4.67	43	52450	30.433	ug/L 99
16) Methylene chloride	4.92	84	155393	26.046	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	173926	27.012	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	162371	26.283	ug/L 99
19) 1,1-Dichloroethane	6.22	63	251227	26.554	ug/L 99
21) 2-Butanone	7.18	43	69417	62.836	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	164033	26.263	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	79476	27.565	ug/L	99
25) Chloroform	7.68	83	270423	26.850	ug/L	100
27) 1,2-Dichloroethane	8.40	62	158861	27.698	ug/L	99
30) Cyclohexane	7.96	56	222873	24.763	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	232051	24.912	ug/L	99
32) Carbon tetrachloride	8.07	117	227278	25.420	ug/L	99
34) Benzene	8.33	78	597861	25.153	ug/L	100
35) Trichloroethene	9.09	95	165896	25.202	ug/L	99
36) Methylcyclohexane	9.34	83	278270	25.171	ug/L	98
40) 1,2-Dichloropropane	9.37	63	138589	26.109	ug/L	99
41) Bromodichloromethane	9.65	83	187659	26.047	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	218498	26.324	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	150671	59.881	ug/L	98
44) Toluene	10.39	91	662523	25.727	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	186330	27.099	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	116648	27.455	ug/L	97
47) Tetrachloroethene	10.87	164	154974	25.593	ug/L	95
49) 2-Hexanone	10.97	43	103888	64.785	ug/L	100
50) Dibromochloromethane	11.13	129	143589	27.742	ug/L	94
51) 1,2-Dibromoethane	11.24	107	113408	27.997	ug/L	96
52) Chlorobenzene	11.66	112	441954	25.673	ug/L	99
53) Ethylbenzene	11.73	91	750053	25.935	ug/L	100
54) m,p-Xylene	11.84	106	296079	26.023	ug/L	98
55) o-xylene	12.16	106	277880	26.365	ug/L	94
56) Styrene	12.18	104	472736	26.811	ug/L	97
57) Isopropylbenzene	12.46	105	761441	26.119	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133152	29.198	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	96589	29.596	ug/L	100
62) Bromoform	12.35	173	84969	27.891	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	360738	25.788	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	362349	25.985	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	323243	26.195	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	20945	31.202	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	271652	26.532	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	223311	28.139	ug/L	99
69) Naphthalene	15.36	128	407982	31.694	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	197787	28.600	ug/L	99

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

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