

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016906.D
 Acq On : 15 Oct 2020 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Oct 16 08:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 10:48:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	553238	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	492705	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127905	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.89	69	110060	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
10) 1,1-Dichloroethene-d2	4.03	63	289401	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.88%
20) 2-Butanone-d5	7.08	46	63258	51.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.34%
24) Chloroform-d	7.65	84	304967	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.31	65	141611	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	583234	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	9.27	67	159416	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	10.32	98	546185	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	68902	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.92%
39) 2-Hexanone-d5	10.93	63	53181	57.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129726	26.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	201687	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	159184	24.073	ug/L 99
3) Chloromethane	2.21	50	131522	22.563	ug/L 99
5) Vinyl chloride	2.37	62	208892	27.605	ug/L 100
6) Bromomethane	2.78	94	140476	25.251	ug/L 100
8) Chloroethane	2.93	64	123164	26.371	ug/L 99
9) Trichlorofluoromethane	3.26	101	147188	25.174	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	200969	26.981	ug/L # 37
12) 1,1-Dichloroethene	4.04	96	191656	26.794	ug/L 98
13) Acetone	4.13	43	44280	47.333	ug/L 99
14) Carbon disulfide	4.39	76	539035	26.281	ug/L 100
15) Methyl Acetate	4.67	43	57547	25.746	ug/L 99
16) Methylene chloride	4.92	84	184181	24.123	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	214444	26.791	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	198702	26.591	ug/L 99
19) 1,1-Dichloroethane	6.22	63	308211	26.784	ug/L 99
21) 2-Butanone	7.17	43	71340	45.427	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	202816	26.600	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	94111	26.284	ug/L	93
25) Chloroform	7.68	83	332971	26.794	ug/L	98
27) 1,2-Dichloroethane	8.40	62	189325	25.468	ug/L	98
30) Cyclohexane	7.96	56	280154	27.419	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	291215	27.793	ug/L	100
32) Carbon tetrachloride	8.07	117	282790	27.657	ug/L	98
34) Benzene	8.32	78	715662	27.048	ug/L	100
35) Trichloroethene	9.09	95	200032	26.727	ug/L	99
36) Methylcyclohexane	9.34	83	342533	27.220	ug/L	100
40) 1,2-Dichloropropane	9.37	63	164323	27.465	ug/L	99
41) Bromodichloromethane	9.65	83	228059	27.133	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	259953	27.251	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	160353	53.236	ug/L	100
44) Toluene	10.39	91	801014	27.290	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	218708	27.246	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	128540	26.429	ug/L	99
47) Tetrachloroethene	10.87	164	197713	28.494	ug/L	99
49) 2-Hexanone	10.97	43	109032	54.841	ug/L	99
50) Dibromochloromethane	11.13	129	165805	27.422	ug/L	94
51) 1,2-Dibromoethane	11.24	107	126873	26.545	ug/L	94
52) Chlorobenzene	11.66	112	521697	26.484	ug/L	99
53) Ethylbenzene	11.73	91	902651	27.413	ug/L	97
54) m,p-Xylene	11.84	106	350503	27.370	ug/L	97
55) o-xylene	12.17	106	328094	26.815	ug/L	97
56) Styrene	12.18	104	555480	27.512	ug/L	98
57) Isopropylbenzene	12.46	105	930908	27.784	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	141397	26.306	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	102148	26.233	ug/L	99
62) Bromoform	12.35	173	91965	27.321	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	426353	27.996	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	410358	26.944	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	374653	27.477	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21309	25.764	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	309637	27.353	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	254587	27.382	ug/L	100
69) Naphthalene	15.37	128	429983	27.927	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	217650	27.242	ug/L	97

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

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