

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016567.D
 Acq On : 15 Sep 2020 20:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Sep 16 04:38:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	606984	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	542036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273140	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	137290	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
7) Chloroethane-d5	2.90	69	110956	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.04	63	311532	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
20) 2-Butanone-d5	7.09	46	74142	46.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.58%
24) Chloroform-d	7.66	84	302218	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.31	65	156829	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.28	84	571392	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.28	67	158083	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	10.33	98	559818	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	10.59	79	77000	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.93	63	59533	49.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135809	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	207362	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	178504	23.806	ug/L 99
3) Chloromethane	2.23	50	134744	24.558	ug/L 99
5) Vinyl chloride	2.38	62	199102	24.591	ug/L 99
6) Bromomethane	2.79	94	152583	24.836	ug/L 100
8) Chloroethane	2.94	64	121577	25.383	ug/L 99
9) Trichlorofluoromethane	3.28	101	188914	23.142	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	195833	25.041	ug/L 99
12) 1,1-Dichloroethene	4.06	96	189306	24.622	ug/L 97
13) Acetone	4.13	43	63512	50.617	ug/L 98
14) Carbon disulfide	4.40	76	574403	24.764	ug/L 100
15) Methyl Acetate	4.68	43	75680	26.487	ug/L 98
16) Methylene chloride	4.93	84	205086	21.907	ug/L 99
17) Methyl tert-butyl Ether	5.44	73	284868	27.051	ug/L 100
18) trans-1,2-Dichloroethene	5.44	96	200801	25.220	ug/L 98
19) 1,1-Dichloroethane	6.23	63	322872	25.643	ug/L 97
21) 2-Butanone	7.18	43	99815	46.758	ug/L 97
22) cis-1,2-Dichloroethene	7.18	96	213427	25.835	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	103145	25.682	ug/L	98
25) Chloroform	7.68	83	356367	25.959	ug/L	99
27) 1,2-Dichloroethane	8.41	62	229479	26.053	ug/L	100
30) Cyclohexane	7.96	56	287963	24.311	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	318429	25.154	ug/L	100
32) Carbon tetrachloride	8.08	117	304152	24.730	ug/L	97
34) Benzene	8.33	78	739464	25.453	ug/L	100
35) Trichloroethene	9.10	95	207228	24.654	ug/L	98
36) Methylcyclohexane	9.34	83	348908	24.472	ug/L	99
40) 1,2-Dichloropropane	9.37	63	173471	25.673	ug/L	99
41) Bromodichloromethane	9.65	83	260811	26.047	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	292917	25.379	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	219318	51.087	ug/L	99
44) Toluene	10.40	91	835297	25.569	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	258950	25.787	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	147462	25.905	ug/L	96
47) Tetrachloroethene	10.87	164	187131	24.655	ug/L	95
49) 2-Hexanone	10.97	43	146829	53.891	ug/L	100
50) Dibromochloromethane	11.13	129	195885	26.357	ug/L	99
51) 1,2-Dibromoethane	11.24	107	149275	26.191	ug/L	92
52) Chlorobenzene	11.66	112	556268	25.350	ug/L	99
53) Ethylbenzene	11.74	91	938126	25.293	ug/L	97
54) m,p-Xylene	11.84	106	364720	25.113	ug/L	100
55) o-xylene	12.17	106	352862	25.361	ug/L	99
56) Styrene	12.18	104	594425	25.728	ug/L	100
57) Isopropylbenzene	12.47	105	972394	25.577	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	167838	26.366	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	123768	26.104	ug/L	100
62) Bromoform	12.35	173	117259	25.452	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	451756	25.428	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	434422	24.969	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	404772	25.498	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	30302	26.630	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	327748	25.225	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	279227	26.566	ug/L	100
69) Naphthalene	15.37	128	517997	27.801	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	232747	25.747	ug/L	99

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

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