

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016574.D
 Acq On : 17 Sep 2020 15:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Sep 18 01:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	575094	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506884	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	252900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	118543	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
7) Chloroethane-d5	2.90	69	103292	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.03	63	276671	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.92%
20) 2-Butanone-d5	7.09	46	65446	43.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.24%
24) Chloroform-d	7.66	84	311248	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.31	65	147574	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.28	84	534096	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	156361	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.52%
37) Toluene-d8	10.33	98	489952	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	10.58	79	74027	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	53357	47.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124744	23.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	205100	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	185927	26.171	ug/L 99
3) Chloromethane	2.23	50	135328	26.033	ug/L 99
5) Vinyl chloride	2.38	62	195783	25.522	ug/L 99
6) Bromomethane	2.79	94	143579	24.666	ug/L 98
8) Chloroethane	2.94	64	116107	25.585	ug/L 96
9) Trichlorofluoromethane	3.28	101	184708	23.882	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	187168	25.260	ug/L 97
12) 1,1-Dichloroethene	4.06	96	183788	25.230	ug/L 92
13) Acetone	4.13	43	46799	39.365	ug/L 99
14) Carbon disulfide	4.40	76	547113	24.895	ug/L 99
15) Methyl Acetate	4.68	43	55629	20.549	ug/L 99
16) Methylene chloride	4.93	84	189753	21.393	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	225312	22.582	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	194229	25.747	ug/L 99
19) 1,1-Dichloroethane	6.23	63	303668	25.455	ug/L 98
21) 2-Butanone	7.18	43	71442	35.323	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	199737	25.518	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	92212	24.233	ug/L	96
25) Chloroform	7.68	83	335482	25.793	ug/L	100
27) 1,2-Dichloroethane	8.41	62	200135	23.981	ug/L	99
30) Cyclohexane	7.96	56	282894	25.539	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	304783	25.745	ug/L	99
32) Carbon tetrachloride	8.08	117	295483	25.691	ug/L	98
34) Benzene	8.33	78	695227	25.590	ug/L	100
35) Trichloroethene	9.10	95	200925	25.562	ug/L	99
36) Methylcyclohexane	9.34	83	341067	25.581	ug/L	100
40) 1,2-Dichloropropane	9.37	63	159960	25.315	ug/L	100
41) Bromodichloromethane	9.65	83	236321	25.238	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	268964	24.920	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	165575	41.243	ug/L	99
44) Toluene	10.39	91	791030	25.893	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	228564	24.340	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	123897	23.275	ug/L	97
47) Tetrachloroethene	10.87	164	178369	25.130	ug/L	91
49) 2-Hexanone	10.97	43	108991	42.777	ug/L	99
50) Dibromochloromethane	11.13	129	167703	24.130	ug/L	99
51) 1,2-Dibromoethane	11.24	107	121920	22.875	ug/L	94
52) Chlorobenzene	11.66	112	516057	25.148	ug/L	97
53) Ethylbenzene	11.73	91	895057	25.806	ug/L	96
54) m,p-Xylene	11.84	106	342428	25.213	ug/L	95
55) o-xylene	12.17	106	328136	25.219	ug/L	98
56) Styrene	12.18	104	549058	25.412	ug/L	100
57) Isopropylbenzene	12.47	105	918612	25.838	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	127835	21.475	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	94589	21.333	ug/L	100
62) Bromoform	12.35	173	97307	22.812	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	405414	24.646	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	400344	24.852	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	367087	24.975	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21889	20.776	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	305953	25.432	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	255884	26.293	ug/L	99
69) Naphthalene	15.37	128	395695	22.936	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	201959	24.129	ug/L	99

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

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