

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102020\
 Data File : VW016951.D
 Acq On : 20 Oct 2020 14:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Oct 20 22:51:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	453535	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214748	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	87419	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.90	69	79707	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
10) 1,1-Dichloroethene-d2	4.03	63	211632	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.12%
20) 2-Butanone-d5	7.09	46	55647	54.91	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.82%
24) Chloroform-d	7.65	84	245341	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	8.31	65	112450	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
29) Benzene-d6	8.28	84	449538	24.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.44%
33) 1,2-Dichloropropane-d6	9.28	67	130940	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.33	98	417521	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	54815	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.93	63	45513	58.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116170	28.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	170817	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	116475	21.486	ug/L	94
3) Chloromethane	2.21	50	96685	20.233	ug/L	97
5) Vinyl chloride	2.37	62	161018	25.956	ug/L	98
6) Bromomethane	2.79	94	107417	23.553	ug/L	99
8) Chloroethane	2.93	64	97237	25.396	ug/L	98
9) Trichlorofluoromethane	3.26	101	132070	27.554	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	163220	26.730	ug/L	99
12) 1,1-Dichloroethene	4.05	96	152567	26.018	ug/L	91
13) Acetone	4.15	43	36691	47.843	ug/L	98
14) Carbon disulfide	4.39	76	401041	23.852	ug/L	99
15) Methyl Acetate	4.68	43	47900	26.141	ug/L #	70
16) Methylene chloride	4.92	84	155560	24.853	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	176632	26.918	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	157201	25.662	ug/L	98
19) 1,1-Dichloroethane	6.23	63	253374	26.859	ug/L	97
21) 2-Butanone	7.18	43	60553	47.034	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	165758	26.518	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	77440	26.382	ug/L	97
25) Chloroform	7.68	83	272891	26.787	ug/L	99
27) 1,2-Dichloroethane	8.40	62	157184	25.792	ug/L	100
30) Cyclohexane	7.96	56	218541	25.674	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	239148	27.397	ug/L	99
32) Carbon tetrachloride	8.07	117	227050	26.655	ug/L	99
34) Benzene	8.33	78	596812	27.075	ug/L	100
35) Trichloroethene	9.09	95	165478	26.540	ug/L	100
36) Methylcyclohexane	9.34	83	274657	26.199	ug/L	100
40) 1,2-Dichloropropane	9.37	63	137590	27.604	ug/L	99
41) Bromodichloromethane	9.65	83	189349	27.041	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	213242	26.833	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	136074	54.227	ug/L	100
44) Toluene	10.39	91	661494	27.051	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	181080	27.078	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	111696	27.567	ug/L	98
47) Tetrachloroethene	10.87	164	144605	25.016	ug/L	95
49) 2-Hexanone	10.97	43	89789	54.211	ug/L	99
50) Dibromochloromethane	11.13	129	138828	27.561	ug/L	93
51) 1,2-Dibromoethane	11.24	107	106545	26.758	ug/L	96
52) Chlorobenzene	11.66	112	433630	26.423	ug/L	97
53) Ethylbenzene	11.73	91	748770	27.296	ug/L	99
54) m,p-Xylene	11.84	106	289072	27.095	ug/L	98
55) o-xylene	12.16	106	275126	26.991	ug/L	98
56) Styrene	12.18	104	469924	27.937	ug/L	97
57) Isopropylbenzene	12.46	105	758295	27.167	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	124149	27.725	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	86820	26.764	ug/L	99
62) Bromoform	12.35	173	81149	26.862	ug/L	94
63) 1,3-Dichlorobenzene	13.50	146	351549	25.722	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	361215	26.427	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	318221	26.005	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	18644	25.118	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	277892	27.354	ug/L	94
68) 1,2,4-trichlorobenzene	15.13	180	210222	25.194	ug/L	95
69) Naphthalene	15.37	128	367945	26.629	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	188244	26.254	ug/L	98

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

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