

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017544.D
 Acq On : 04 Dec 2020 09:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Dec 20 01:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	419116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135015	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
7) Chloroethane-d5	2.90	69	113271	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
10) 1,1-Dichloroethene-d2	4.03	63	292155	23.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.20%
20) 2-Butanone-d5	7.08	46	60276	51.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.68%
24) Chloroform-d	7.65	84	304740	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	151298	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.60%
29) Benzene-d6	8.27	84	570073	24.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
33) 1,2-Dichloropropane-d6	9.27	67	161166	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.32	98	523545	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	71143	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.56%
39) 2-Hexanone-d5	10.93	63	39514	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120324	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	178851	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	79381	19.932	ug/L	91
3) Chloromethane	2.22	50	90017	21.954	ug/L	98
5) Vinyl chloride	2.37	62	131913	25.942	ug/L	97
6) Bromomethane	2.79	94	86339	23.580	ug/L	98
8) Chloroethane	2.93	64	83026	24.302	ug/L	95
9) Trichlorofluoromethane	3.27	101	130578	22.426	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	143041	24.001	ug/L #	70
12) 1,1-Dichloroethene	4.04	96	132813	22.854	ug/L	85
13) Acetone	4.13	43	51341	45.890	ug/L	98
14) Carbon disulfide	4.39	76	387473	23.311	ug/L	99
15) Methyl Acetate	4.67	43	45737	23.486	ug/L	98
16) Methylene chloride	4.92	84	139443	22.160	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	153075	24.489	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	138507	23.185	ug/L	99
19) 1,1-Dichloroethane	6.22	63	242712	24.063	ug/L	98
21) 2-Butanone	7.17	43	65378	48.832	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	145249	23.303	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	64356	22.730	ug/L	96
25) Chloroform	7.68	83	260964	24.508	ug/L	100
27) 1,2-Dichloroethane	8.40	62	157273	24.524	ug/L	97
30) Cyclohexane	7.96	56	216027	24.094	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	220350	24.769	ug/L	98
32) Carbon tetrachloride	8.07	117	220488	25.524	ug/L	99
34) Benzene	8.32	78	547665	24.241	ug/L	100
35) Trichloroethene	9.09	95	148840	23.764	ug/L	98
36) Methylcyclohexane	9.34	83	244585	23.615	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131474	24.776	ug/L	99
41) Bromodichloromethane	9.65	83	180529	24.622	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	204893	24.928	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	121837	49.871	ug/L	95
44) Toluene	10.39	91	592108	24.355	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	178322	25.317	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	96142	24.180	ug/L	98
47) Tetrachloroethene	10.87	164	119654	22.422	ug/L	96
49) 2-Hexanone	10.97	43	87282	50.589	ug/L	91
50) Dibromochloromethane	11.13	129	121590	24.481	ug/L	98
51) 1,2-Dibromoethane	11.24	107	91699	24.064	ug/L	99
52) Chlorobenzene	11.66	112	376625	23.658	ug/L	96
53) Ethylbenzene	11.73	91	671932	24.377	ug/L	99
54) m,p-Xylene	11.84	106	253913	24.144	ug/L	89
55) o-xylene	12.16	106	238669	24.366	ug/L	100
56) Styrene	12.18	104	410329	24.901	ug/L	99
57) Isopropylbenzene	12.46	105	663631	24.666	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	105741	24.708	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	76123	24.099	ug/L	98
62) Bromoform	12.35	173	66233	23.549	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297315	23.240	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	295699	23.332	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	262990	23.602	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16685	23.257	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	213431	23.289	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	171624	23.165	ug/L	93
69) Naphthalene	15.36	128	273246	23.886	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	150455	24.346	ug/L	99

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

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