

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018042.D
 Acq On : 05 Feb 2021 18:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Feb 06 01:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	408704	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	195659	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111754	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.891	69	91239	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.025	63	234122	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.24%
20) 2-Butanone-d5	7.080	46	59968	44.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.48%
24) Chloroform-d	7.647	84	265996	24.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	8.305	65	136730	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.275	84	518499	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	9.274	67	145927	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.68%
37) Toluene-d8	10.323	98	503312	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.08%
38) trans-1,3-Dichloroprop...	10.579	79	67232	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.32%
39) 2-Hexanone-d5	10.927	63	50693	46.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.36%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	122200	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	184243	26.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	114594	20.72	ug/L	98
3) Chloromethane	2.215	50	87178	21.40	ug/L	98
5) Vinyl chloride	2.367	62	130848	23.29	ug/L	100
6) Bromomethane	2.788	94	89753	22.46	ug/L	99
8) Chloroethane	2.928	64	77492	23.09	ug/L	99
9) Trichlorofluoromethane	3.263	101	83895	20.65	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	133387	22.98	ug/L #	67
12) 1,1-Dichloroethene	4.056	96	127496	23.35	ug/L	91
13) Acetone	4.117	43	34247	34.15	ug/L	100
14) Carbon disulfide	4.391	76	376210	23.65	ug/L	99
15) Methyl Acetate	4.672	43	45294	20.36	ug/L	98
16) Methylene chloride	4.922	84	138725	21.18	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	138500	22.59	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	137939	23.63	ug/L	95
19) 1,1-Dichloroethane	6.214	63	222783	23.65	ug/L	98
21) 2-Butanone	7.165	43	58845	38.54	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	145893	24.10	ug/L	96
23) Bromochloromethane	7.519	128	67214	23.10	ug/L	90
25) Chloroform	7.677	83	242134	23.56	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148838	22.31	ug/L	98
30) Cyclohexane	7.958	56	200393	23.44	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	195303	23.56	ug/L	99
32) Carbon tetrachloride	8.067	117	190710	23.76	ug/L	100
34) Benzene	8.323	78	528417	24.19	ug/L	100
35) Trichloroethene	9.091	95	146479	23.79	ug/L	99
36) Methylcyclohexane	9.335	83	243160	23.49	ug/L	97
40) 1,2-Dichloropropane	9.366	63	120356	24.01	ug/L	99
41) Bromodichloromethane	9.646	83	170658	23.77	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	197815	24.48	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	130171	41.75	ug/L	94
44) Toluene	10.390	91	578851	24.07	ug/L	100
45) trans-1,3-Dichloropropene	10.603	75	168370	23.94	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	97899	22.88	ug/L	98
47) Tetrachloroethene	10.859	164	124900	23.83	ug/L	99
49) 2-Hexanone	10.969	43	90310	41.69	ug/L	94
50) Dibromochloromethane	11.128	129	121672	23.73	ug/L	99
51) 1,2-Dibromoethane	11.231	107	95805	22.44	ug/L	94
52) Chlorobenzene	11.658	112	380163	24.00	ug/L	99
53) Ethylbenzene	11.731	91	653709	23.92	ug/L	99
54) m,p-Xylene	11.841	106	255433	24.52	ug/L	96
55) o-xylene	12.164	106	240570	24.34	ug/L	98
56) Styrene	12.182	104	412917	24.56	ug/L	97
57) Isopropylbenzene	12.463	105	659702	23.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	108507	21.43	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	80325	20.94	ug/L	98
62) Bromoform	12.347	173	68670	22.77	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	309356	24.80	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	297194	23.69	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	270475	24.05	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	17484	20.52	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	225952	23.58	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	190463	23.84	ug/L	95
69) Naphthalene	15.365	128	343870	22.13	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	160784	22.58	ug/L	98

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

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