

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031121\
 Data File : VW018293.D
 Acq On : 11 Mar 2021 08:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02537

Quant Time: Mar 12 00:23:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	235950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	202738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	100638	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	66184	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.60%
7) Chloroethane-d5	2.898	69	53684	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.48%
10) 1,1-Dichloroethene-d2	4.025	63	152016	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.40%
20) 2-Butanone-d5	7.074	46	30912	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
24) Chloroform-d	7.647	84	170027	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.305	65	90189	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.275	84	298848	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.275	67	82229	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.323	98	288224	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.68%
38) trans-1,3-Dichloroprop...	10.579	79	40619	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.60%
39) 2-Hexanone-d5	10.927	63	26712	53.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.38%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	68813	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	92786	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	75828	23.16	ug/L	99
3) Chloromethane	2.215	50	48470	22.58	ug/L	99
5) Vinyl chloride	2.367	62	78928	23.94	ug/L	97
6) Bromomethane	2.788	94	54746	22.33	ug/L	99
8) Chloroethane	2.928	64	43895	23.20	ug/L	95
9) Trichlorofluoromethane	3.263	101	66514	23.92	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	80711	24.02	ug/L	100
12) 1,1-Dichloroethene	4.050	96	75902	24.48	ug/L	98
13) Acetone	4.123	43	19577	41.23	ug/L	99
14) Carbon disulfide	4.391	76	217844	24.12	ug/L	100
15) Methyl Acetate	4.672	43	22327	21.75	ug/L #	70
16) Methylene chloride	4.922	84	71849	19.95	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	77916	21.91	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	77776	23.60	ug/L	96
19) 1,1-Dichloroethane	6.214	63	127395	23.59	ug/L	97
21) 2-Butanone	7.171	43	29033	44.14	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	78759	22.84	ug/L	97
23) Bromochloromethane	7.519	128	36395	23.46	ug/L	95
25) Chloroform	7.671	83	147591	23.85	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	93727	22.84	ug/L	99
30) Cyclohexane	7.958	56	109170	24.96	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	129900	25.96	ug/L	99
32) Carbon tetrachloride	8.067	117	123667	25.67	ug/L	97
34) Benzene	8.323	78	295392	25.32	ug/L	100
35) Trichloroethene	9.092	95	86172	25.20	ug/L	99
36) Methylcyclohexane	9.335	83	139885	25.44	ug/L	99
40) 1,2-Dichloropropane	9.366	63	66508	24.54	ug/L	99
41) Bromodichloromethane	9.646	83	104338	24.77	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	114585	25.23	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	65958	46.90	ug/L	99
44) Toluene	10.390	91	330445	25.28	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	100338	24.73	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	53568	24.06	ug/L	96
47) Tetrachloroethene	10.866	164	61588	24.06	ug/L	93
49) 2-Hexanone	10.969	43	46674	48.14	ug/L	99
50) Dibromochloromethane	11.128	129	68296	24.95	ug/L	93
51) 1,2-Dibromoethane	11.238	107	52591	23.98	ug/L #	95
52) Chlorobenzene	11.658	112	205197	24.23	ug/L	97
53) Ethylbenzene	11.731	91	382085	25.44	ug/L	98
54) m,p-Xylene	11.841	106	142954	25.12	ug/L	97
55) o-xylene	12.164	106	131433	24.69	ug/L	91
56) Styrene	12.176	104	228016	25.03	ug/L	99
57) Isopropylbenzene	12.463	105	380887	25.23	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	60427	23.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	46787	24.05	ug/L	99
62) Bromoform	12.347	173	34761	23.48	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	157378	23.54	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	157007	23.74	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	142047	23.62	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	10624	22.63	ug/L	89
67) 1,3,5-Trichlorobenzene	14.627	180	108418	22.22	ug/L	94
68) 1,2,4-trichlorobenzene	15.133	180	92351	23.07	ug/L	94
69) Naphthalene	15.365	128	185242	23.51	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	82235	23.60	ug/L	95

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

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