

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018593.D
 Acq On : 07 Apr 2021 20:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Apr 08 05:39:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	435729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	234273	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	140019	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
7) Chloroethane-d5	2.891	69	122804	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	4.031	63	244612	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.12%
20) 2-Butanone-d5	7.080	46	68102	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
24) Chloroform-d	7.647	84	290466	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.305	65	163064	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	8.275	84	524813	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	9.274	67	156512	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.68%
37) Toluene-d8	10.323	98	518675	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloroprop...	10.579	79	71851	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.927	63	58965	45.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.18%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	149592	25.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.12%
61) 1,2-Dichlorobenzene-d4	13.853	152	192987	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	116906	22.28	ug/L	96
3) Chloromethane	2.221	50	148206	22.40	ug/L	99
5) Vinyl chloride	2.367	62	216321	24.90	ug/L	98
6) Bromomethane	2.788	94	155605	24.81	ug/L	99
8) Chloroethane	2.928	64	138182	25.51	ug/L	98
9) Trichlorofluoromethane	3.263	101	120108	27.48	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	158980	28.29	ug/L	99
12) 1,1-Dichloroethene	4.044	96	152016	26.50	ug/L	97
13) Acetone	4.129	43	47208	46.42	ug/L	96
14) Carbon disulfide	4.391	76	438703	25.40	ug/L	99
15) Methyl Acetate	4.672	43	63606	27.35	ug/L	96
16) Methylene chloride	4.928	84	171670	22.91	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	218368	26.06	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	170099	26.87	ug/L	98
19) 1,1-Dichloroethane	6.220	63	291652	27.00	ug/L	97
21) 2-Butanone	7.177	43	79409	49.15	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	184120	27.65	ug/L	98
23) Bromochloromethane	7.513	128	82632	28.03	ug/L #	85
25) Chloroform	7.677	83	321542	28.04	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	222461	27.35	ug/L	96
30) Cyclohexane	7.958	56	249090	24.08	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	261003	26.80	ug/L	99
32) Carbon tetrachloride	8.073	117	241714	26.63	ug/L	100
34) Benzene	8.323	78	673455	26.69	ug/L	100
35) Trichloroethene	9.091	95	186116	26.70	ug/L	98
36) Methylcyclohexane	9.335	83	307429	25.18	ug/L	98
40) 1,2-Dichloropropane	9.372	63	166595	26.99	ug/L	99
41) Bromodichloromethane	9.646	83	236353	27.09	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	264813	25.37	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	188493	50.78	ug/L	96
44) Toluene	10.390	91	781171	27.23	ug/L	95
45) trans-1,3-Dichloropropene	10.610	75	239164	25.52	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	137371	27.91	ug/L	98
47) Tetrachloroethene	10.859	164	148645	28.08	ug/L	92
49) 2-Hexanone	10.969	43	128639	48.97	ug/L	95
50) Dibromochloromethane	11.128	129	158383	27.29	ug/L	100
51) 1,2-Dibromoethane	11.231	107	135333	27.76	ug/L	99
52) Chlorobenzene	11.658	112	497400	27.34	ug/L	99
53) Ethylbenzene	11.731	91	882554	27.29	ug/L	98
54) m,p-Xylene	11.841	106	335816	27.17	ug/L	100
55) o-xylene	12.164	106	319115	27.08	ug/L	95
56) Styrene	12.182	104	540666	26.91	ug/L	96
57) Isopropylbenzene	12.463	105	884937	27.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	160570	26.95	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	121838	27.09	ug/L	99
62) Bromoform	12.347	173	88829	24.73	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	396325	26.43	ug/L	98
64) 1,4-Dichlorobenzene	13.578	146	396065	26.18	ug/L	89
65) 1,2-Dichlorobenzene	13.871	146	362502	27.05	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	25010	20.65	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	287383	26.58	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	238190	25.89	ug/L	93
69) Naphthalene	15.365	128	495221	25.85	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	207513	25.85	ug/L	97

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

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