

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018434.D
 Acq On : 23 Mar 2021 18:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Mar 24 01:27:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	464923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	418886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	198816	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161266	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
7) Chloroethane-d5	2.897	69	154221	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.025	63	310742	27.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.28%#
20) 2-Butanone-d5	7.086	46	60099	41.72	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.44%
24) Chloroform-d	7.653	84	318539	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.311	65	167751	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
29) Benzene-d6	8.275	84	588331	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.274	67	164035	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	10.323	98	576128	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.48%
38) trans-1,3-Dichloroprop...	10.579	79	76899	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.926	63	52753	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	134624	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	182057	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	124529	23.32	ug/L	93
3) Chloromethane	2.215	50	177491	26.37	ug/L	97
5) Vinyl chloride	2.367	62	252040	28.52	ug/L	100
6) Bromomethane	2.788	94	202048	31.65	ug/L	99
8) Chloroethane	2.928	64	163580	29.68	ug/L	95
9) Trichlorofluoromethane	3.269	101	163215	36.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	171076	29.92	ug/L	98
12) 1,1-Dichloroethene	4.044	96	169939	29.12	ug/L	94
13) Acetone	4.141	43	40667	39.30	ug/L	100
14) Carbon disulfide	4.385	76	509143	28.97	ug/L	100
15) Methyl Acetate	4.678	43	51228	21.65	ug/L	100
16) Methylene chloride	4.921	84	171847	22.53	ug/L	92
17) Methyl tert-butyl Ether	5.427	73	225573	26.46	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	181565	28.18	ug/L	97
19) 1,1-Dichloroethane	6.220	63	313602	28.53	ug/L	97
21) 2-Butanone	7.177	43	64694	39.35	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	187606	27.68	ug/L	94
23) Bromochloromethane	7.519	128	79601	26.54	ug/L	90
25) Chloroform	7.677	83	329990	28.28	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	216152	26.11	ug/L	97
30) Cyclohexane	7.957	56	283891	28.55	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	288113	30.77	ug/L	97
32) Carbon tetrachloride	8.073	117	262467	30.08	ug/L	100
34) Benzene	8.323	78	714267	29.44	ug/L	100
35) Trichloroethene	9.091	95	194347	29.00	ug/L	98
36) Methylcyclohexane	9.335	83	343248	29.25	ug/L	97
40) 1,2-Dichloropropane	9.372	63	163425	27.54	ug/L	98
41) Bromodichloromethane	9.646	83	232044	27.66	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	267236	26.63	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	161633	45.29	ug/L	96
44) Toluene	10.390	91	811341	29.42	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	229613	25.48	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	119886	25.34	ug/L	99
47) Tetrachloroethene	10.866	164	150894	29.65	ug/L	95
49) 2-Hexanone	10.969	43	109931	43.53	ug/L	99
50) Dibromochloromethane	11.128	129	143732	25.76	ug/L	92
51) 1,2-Dibromoethane	11.237	107	118286	25.24	ug/L	97
52) Chlorobenzene	11.658	112	485042	27.73	ug/L	96
53) Ethylbenzene	11.731	91	897165	28.85	ug/L	98
54) m,p-Xylene	11.835	106	337382	28.39	ug/L	97
55) o-xylene	12.164	106	318187	28.09	ug/L	100
56) Styrene	12.182	104	534111	27.65	ug/L	97
57) Isopropylbenzene	12.463	105	906540	29.43	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	141057	24.63	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	102891	23.80	ug/L	99
62) Bromoform	12.347	173	80805	26.50	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	360802	28.35	ug/L	97
64) 1,4-Dichlorobenzene	13.578	146	349564	27.22	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	323060	28.41	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	22942	22.32	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.627	180	254623	27.74	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	203691	26.09	ug/L	92
69) Naphthalene	15.365	128	373328	22.96	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	175974	25.83	ug/L	98

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

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