

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018376.D
 Acq On : 19 Mar 2021 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Mar 20 01:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 17:46:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	573716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	535833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	259660	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	201316	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
7) Chloroethane-d5	2.891	69	173985	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
10) 1,1-Dichloroethene-d2	4.025	63	355123	25.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.04%
20) 2-Butanone-d5	7.074	46	86287	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
24) Chloroform-d	7.647	84	358508	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	8.305	65	206550	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.275	84	688434	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.274	67	198128	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	10.323	98	683363	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.64%
38) trans-1,3-Dichloroprop...	10.579	79	104959	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.920	63	77032	47.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.80%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	180991	24.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.48%
61) 1,2-Dichlorobenzene-d4	13.853	152	227147	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	170524	25.88	ug/L	96
3) Chloromethane	2.221	50	215215	25.91	ug/L	99
5) Vinyl chloride	2.367	62	312074	28.61	ug/L	98
6) Bromomethane	2.782	94	224658	28.52	ug/L	99
8) Chloroethane	2.928	64	190511	28.01	ug/L	97
9) Trichlorofluoromethane	3.257	101	141486	25.78	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	203385	28.82	ug/L	97
12) 1,1-Dichloroethene	4.044	96	200219	27.80	ug/L	96
13) Acetone	4.117	43	64102	50.20	ug/L	99
14) Carbon disulfide	4.385	76	617079	28.45	ug/L	99
15) Methyl Acetate	4.665	43	78948	27.03	ug/L	97
16) Methylene chloride	4.915	84	211574	22.48	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	281155	26.72	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	216448	27.22	ug/L	95
19) 1,1-Dichloroethane	6.214	63	376024	27.72	ug/L	97
21) 2-Butanone	7.165	43	104646	51.58	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	226364	27.07	ug/L	95
23) Bromochloromethane	7.512	128	100509	27.16	ug/L	89
25) Chloroform	7.677	83	396034	27.51	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	279382	27.35	ug/L	98
30) Cyclohexane	7.957	56	348672	27.41	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	329826	27.54	ug/L	98
32) Carbon tetrachloride	8.067	117	316744	28.38	ug/L	98
34) Benzene	8.323	78	846147	27.27	ug/L	100
35) Trichloroethene	9.091	95	232449	27.11	ug/L	98
36) Methylcyclohexane	9.335	83	410897	27.37	ug/L	98
40) 1,2-Dichloropropane	9.366	63	204645	26.96	ug/L	98
41) Bromodichloromethane	9.646	83	287353	26.78	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	352314	27.45	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	238102	52.16	ug/L	98
44) Toluene	10.384	91	969596	27.49	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	321550	27.90	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	164341	27.15	ug/L	97
47) Tetrachloroethene	10.866	164	175657	26.98	ug/L	92
49) 2-Hexanone	10.969	43	168429	52.14	ug/L	99
50) Dibromochloromethane	11.128	129	197155	27.62	ug/L	93
51) 1,2-Dibromoethane	11.231	107	159624	26.63	ug/L	99
52) Chlorobenzene	11.658	112	604499	27.02	ug/L	96
53) Ethylbenzene	11.731	91	1086902	27.33	ug/L	99
54) m,p-Xylene	11.841	106	419396	27.59	ug/L	98
55) o-xylene	12.164	106	398558	27.51	ug/L	96
56) Styrene	12.176	104	674502	27.30	ug/L	96
57) Isopropylbenzene	12.463	105	1101541	27.95	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	199077	27.17	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	149417	27.02	ug/L	99
62) Bromoform	12.347	173	113546	28.52	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	465905	28.03	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	464329	27.69	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	416425	28.04	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	36599	27.26	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	342151	28.55	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	291738	28.61	ug/L	95
69) Naphthalene	15.365	128	590613	27.81	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	247503	27.81	ug/L	98

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

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