

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
 Data File : VW018449.D
 Acq On : 25 Mar 2021 11:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Mar 26 01:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	444753	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	411582	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	207996	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	144975	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.68%
7) Chloroethane-d5	2.892	69	136548	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.80%
10) 1,1-Dichloroethene-d2	4.026	63	250529	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.76%
20) 2-Butanone-d5	7.074	46	70464	51.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.28%
24) Chloroform-d	7.647	84	283140	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.305	65	167443	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.28%
29) Benzene-d6	8.275	84	523578	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.275	67	155147	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.323	98	500895	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloroprop...	10.579	79	74784	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.921	63	60491	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	148799	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	13.853	152	178944	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	121261	23.74	ug/L	97
3) Chloromethane	2.221	50	154657	24.02	ug/L	99
5) Vinyl chloride	2.367	62	242029	28.63	ug/L	100
6) Bromomethane	2.782	94	175605	28.76	ug/L	98
8) Chloroethane	2.928	64	155392	29.47	ug/L	95
9) Trichlorofluoromethane	3.257	101	98188	23.08	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	148041	27.06	ug/L #	74
12) 1,1-Dichloroethene	4.038	96	147098	26.35	ug/L	88
13) Acetone	4.117	43	49516	50.02	ug/L	96
14) Carbon disulfide	4.385	76	430487	25.61	ug/L	100
15) Methyl Acetate	4.666	43	63167	27.90	ug/L	94
16) Methylene chloride	4.922	84	156048	21.39	ug/L	90
17) Methyl tert-butyl Ether	5.422	73	205866	25.24	ug/L #	89
18) trans-1,2-Dichloroethene	5.422	96	158204	25.67	ug/L	93
19) 1,1-Dichloroethane	6.214	63	284593	27.06	ug/L	98
21) 2-Butanone	7.165	43	81872	52.06	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	173966	26.84	ug/L	96
23) Bromochloromethane	7.513	128	75978	26.48	ug/L #	85
25) Chloroform	7.677	83	305019	27.33	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	217874	27.51	ug/L	100
30) Cyclohexane	7.958	56	246917	25.27	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	244562	26.59	ug/L	97
32) Carbon tetrachloride	8.067	117	227829	26.58	ug/L	100
34) Benzene	8.324	78	641063	26.89	ug/L	100
35) Trichloroethene	9.092	95	174936	26.56	ug/L	98
36) Methylcyclohexane	9.336	83	296938	25.75	ug/L	98
40) 1,2-Dichloropropane	9.366	63	157174	26.95	ug/L	97
41) Bromodichloromethane	9.646	83	229142	27.80	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	261734	26.54	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	189731	54.11	ug/L	96
44) Toluene	10.384	91	730202	26.95	ug/L	93
45) trans-1,3-Dichloropropene	10.604	75	241068	27.23	ug/L	96
46) 1,1,2-Trichloroethane	10.780	97	127621	27.45	ug/L	96
47) Tetrachloroethene	10.860	164	131876	26.37	ug/L	88
49) 2-Hexanone	10.969	43	132379	53.35	ug/L	98
50) Dibromochloromethane	11.128	129	151892	27.71	ug/L	89
51) 1,2-Dibromoethane	11.232	107	125688	27.30	ug/L	99
52) Chlorobenzene	11.658	112	451268	26.26	ug/L	98
53) Ethylbenzene	11.731	91	825952	27.03	ug/L	95
54) m,p-Xylene	11.841	106	314192	26.91	ug/L	97
55) o-xylene	12.164	106	305491	27.45	ug/L	98
56) Styrene	12.176	104	508582	26.80	ug/L	98
57) Isopropylbenzene	12.463	105	816031	26.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	156423	27.80	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	115182	27.11	ug/L	99
62) Bromoform	12.347	173	86520	27.13	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	359392	26.99	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	356459	26.54	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	322035	27.07	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	27299	25.39	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.627	180	255963	26.66	ug/L	94
68) 1,2,4-trichlorobenzene	15.133	180	215670	26.40	ug/L	92
69) Naphthalene	15.365	128	438568	25.78	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	190761	26.76	ug/L	98

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

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