

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018526.D
 Acq On : 01 Apr 2021 09:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Apr 02 03:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	508844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	468121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	256482	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	206667	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.76%
7) Chloroethane-d5	2.892	69	167153	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
10) 1,1-Dichloroethene-d2	4.025	63	322490	26.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.52%
20) 2-Butanone-d5	7.074	46	77100	48.91	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	7.647	84	338602	26.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.52%
26) 1,2-Dichloroethane-d4	8.305	65	192654	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.84%
29) Benzene-d6	8.269	84	633499	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	9.275	67	184910	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.04%
37) Toluene-d8	10.323	98	631172	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.36%
38) trans-1,3-Dichloroprop...	10.579	79	91639	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	10.921	63	67229	47.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.72%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	166507	25.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	212575	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	159165	27.23	ug/L	94
3) Chloromethane	2.215	50	180446	24.49	ug/L	100
5) Vinyl chloride	2.367	62	277837	28.72	ug/L	100
6) Bromomethane	2.782	94	192156	27.51	ug/L	100
8) Chloroethane	2.928	64	170634	28.29	ug/L	97
9) Trichlorofluoromethane	3.257	101	128998	26.50	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	175522	28.05	ug/L	96
12) 1,1-Dichloroethene	4.038	96	176974	27.71	ug/L	93
13) Acetone	4.117	43	59280	52.34	ug/L	99
14) Carbon disulfide	4.385	76	541836	28.17	ug/L	99
15) Methyl Acetate	4.672	43	70217	27.11	ug/L	97
16) Methylene chloride	4.916	84	180541	21.63	ug/L	95
17) Methyl tert-butyl Ether	5.422	73	237349	25.44	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	191822	27.20	ug/L	99
19) 1,1-Dichloroethane	6.214	63	328359	27.29	ug/L	96
21) 2-Butanone	7.165	43	95346	52.99	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	199503	26.90	ug/L	97
23) Bromochloromethane	7.513	128	89896	27.38	ug/L	92
25) Chloroform	7.677	83	351374	27.52	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	249603	27.55	ug/L	99
30) Cyclohexane	7.952	56	299777	26.98	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	289311	27.65	ug/L	97
32) Carbon tetrachloride	8.067	117	279021	28.62	ug/L	100
34) Benzene	8.323	78	750870	27.70	ug/L	100
35) Trichloroethene	9.092	95	210213	28.07	ug/L	98
36) Methylcyclohexane	9.336	83	358456	27.33	ug/L	99
40) 1,2-Dichloropropane	9.366	63	181893	27.43	ug/L	98
41) Bromodichloromethane	9.646	83	259314	27.66	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	302605	26.98	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	209419	52.51	ug/L	96
44) Toluene	10.390	91	862934	28.00	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	270026	26.82	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	145301	27.48	ug/L	95
47) Tetrachloroethene	10.866	164	158655	27.90	ug/L	91
49) 2-Hexanone	10.969	43	152530	54.05	ug/L	96
50) Dibromochloromethane	11.128	129	172502	27.67	ug/L	99
51) 1,2-Dibromoethane	11.238	107	144939	27.68	ug/L	97
52) Chlorobenzene	11.658	112	545939	27.93	ug/L	98
53) Ethylbenzene	11.731	91	965327	27.78	ug/L	98
54) m,p-Xylene	11.841	106	372854	28.08	ug/L	98
55) o-xylene	12.164	106	353424	27.92	ug/L	94
56) Styrene	12.183	104	603063	27.94	ug/L	97
57) Isopropylbenzene	12.463	105	988525	28.71	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	179430	28.03	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	135654	28.07	ug/L	100
62) Bromoform	12.347	173	99488	25.30	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	433045	26.38	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	423796	25.58	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	394164	26.87	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	31197	23.53	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	315854	26.68	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	265194	26.33	ug/L	95
69) Naphthalene	15.365	128	524905	25.03	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	223923	25.47	ug/L	97

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

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