

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018595.D
 Acq On : 08 Apr 2021 11:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Apr 09 03:07:19 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	466472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	443476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	233232	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151877	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	2.885	69	135311	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.026	63	252947	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.28%
20) 2-Butanone-d5	7.074	46	82227	56.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.80%
24) Chloroform-d	7.647	84	308338	25.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	8.299	65	176949	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.275	84	555108	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	9.275	67	170864	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.323	98	545138	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloroprop...	10.579	79	81444	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.921	63	70065	52.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.30%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	169769	27.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	204335	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	117838	21.99	ug/L	100
3) Chloromethane	2.215	50	148739	22.02	ug/L	99
5) Vinyl chloride	2.367	62	229982	25.93	ug/L	98
6) Bromomethane	2.776	94	154175	24.07	ug/L	98
8) Chloroethane	2.922	64	140614	25.43	ug/L	97
9) Trichlorofluoromethane	3.257	101	108797	24.38	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	153535	26.76	ug/L #	88
12) 1,1-Dichloroethene	4.044	96	151414	25.86	ug/L	95
13) Acetone	4.117	43	51001	49.12	ug/L	99
14) Carbon disulfide	4.385	76	436155	24.73	ug/L	99
15) Methyl Acetate	4.666	43	68159	28.70	ug/L	96
16) Methylene chloride	4.916	84	155419	20.31	ug/L	93
17) Methyl tert-butyl Ether	5.416	73	209707	24.51	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	164920	25.51	ug/L	99
19) 1,1-Dichloroethane	6.214	63	284970	25.84	ug/L	96
21) 2-Butanone	7.165	43	86160	52.24	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	176917	26.02	ug/L	97
23) Bromochloromethane	7.513	128	81772	27.17	ug/L	86
25) Chloroform	7.671	83	309022	26.40	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	218534	26.31	ug/L	98
30) Cyclohexane	7.958	56	244337	23.21	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	252225	25.45	ug/L	98
32) Carbon tetrachloride	8.067	117	244555	26.48	ug/L	97
34) Benzene	8.324	78	655317	25.51	ug/L	100
35) Trichloroethene	9.086	95	181935	25.64	ug/L	98
36) Methylcyclohexane	9.336	83	296447	23.86	ug/L	98
40) 1,2-Dichloropropane	9.366	63	163054	25.95	ug/L	99
41) Bromodichloromethane	9.640	83	232737	26.21	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	263982	24.85	ug/L	96
43) 4-Methyl-2-pentanone	10.207	43	200936	53.18	ug/L	97
44) Toluene	10.384	91	761053	26.07	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	238656	25.02	ug/L	100
46) 1,1,2-Trichloroethane	10.787	97	136672	27.28	ug/L	97
47) Tetrachloroethene	10.860	164	139603	25.91	ug/L	97
49) 2-Hexanone	10.969	43	140489	52.55	ug/L	98
50) Dibromochloromethane	11.128	129	157005	26.58	ug/L	94
51) 1,2-Dibromoethane	11.232	107	132475	26.70	ug/L	97
52) Chlorobenzene	11.652	112	480295	25.94	ug/L	98
53) Ethylbenzene	11.731	91	851215	25.86	ug/L	99
54) m,p-Xylene	11.841	106	321444	25.55	ug/L	93
55) o-xylene	12.164	106	305868	25.51	ug/L	98
56) Styrene	12.177	104	530069	25.92	ug/L	97
57) Isopropylbenzene	12.463	105	836322	25.64	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	168419	27.78	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	123284	26.93	ug/L	100
62) Bromoform	12.347	173	91341	25.54	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	377340	25.28	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	378027	25.10	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	332784	24.94	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	27784	23.04	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.627	180	267257	24.82	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	226516	24.73	ug/L	91
69) Naphthalene	15.365	128	469823	24.63	ug/L	100
70) 1,2,3-Trichlorobenzene	15.548	180	195562	24.47	ug/L	100

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

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