

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018471.D
 Acq On : 26 Mar 2021 15:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Mar 27 01:34:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	513688	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	239955	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129846	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
7) Chloroethane-d5	2.892	69	122159	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.032	63	254103	20.59	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	7.086	46	64375	40.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.90%
24) Chloroform-d	7.653	84	292464	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	8.305	65	169925	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.275	84	530819	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.274	67	156176	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.60%
37) Toluene-d8	10.323	98	518738	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.16%
38) trans-1,3-Dichloroprop...	10.579	79	76665	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	10.927	63	58848	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	146503	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	189252	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	124477	21.10	ug/L	94
3) Chloromethane	2.215	50	155906	20.96	ug/L	99
5) Vinyl chloride	2.367	62	230981	23.65	ug/L	99
6) Bromomethane	2.788	94	173377	24.58	ug/L	99
8) Chloroethane	2.928	64	148669	24.41	ug/L	100
9) Trichlorofluoromethane	3.269	101	127111	25.87	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	163662	25.90	ug/L	100
12) 1,1-Dichloroethene	4.050	96	159217	24.69	ug/L	91
13) Acetone	4.141	43	45427	39.73	ug/L	97
14) Carbon disulfide	4.385	76	449723	23.16	ug/L	100
15) Methyl Acetate	4.678	43	61112	23.37	ug/L	99
16) Methylene chloride	4.922	84	177716	21.09	ug/L	94
17) Methyl tert-butyl Ether	5.434	73	233692	24.81	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	174505	24.51	ug/L	96
19) 1,1-Dichloroethane	6.220	63	305719	25.17	ug/L	97
21) 2-Butanone	7.177	43	74571	41.05	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	186153	24.86	ug/L	96
23) Bromochloromethane	7.519	128	83296	25.13	ug/L	90
25) Chloroform	7.677	83	324709	25.19	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	230346	25.19	ug/L	100
30) Cyclohexane	7.958	56	262272	23.49	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	269870	25.67	ug/L	98
32) Carbon tetrachloride	8.073	117	251433	25.66	ug/L	99
34) Benzene	8.323	78	692739	25.43	ug/L	100
35) Trichloroethene	9.092	95	188126	25.00	ug/L	97
36) Methylcyclohexane	9.335	83	322068	24.44	ug/L	99
40) 1,2-Dichloropropane	9.372	63	165362	24.81	ug/L	97
41) Bromodichloromethane	9.646	83	241132	25.60	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	276825	24.56	ug/L	97
43) 4-Methyl-2-pentanone	10.213	43	184193	45.96	ug/L	97
44) Toluene	10.390	91	774764	25.02	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	244765	24.19	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	136180	25.63	ug/L	100
47) Tetrachloroethene	10.860	164	145060	25.38	ug/L	93
49) 2-Hexanone	10.969	43	128154	45.19	ug/L	99
50) Dibromochloromethane	11.128	129	159574	25.47	ug/L	97
51) 1,2-Dibromoethane	11.238	107	130365	24.77	ug/L	98
52) Chlorobenzene	11.658	112	499389	25.43	ug/L	97
53) Ethylbenzene	11.731	91	884102	25.32	ug/L	99
54) m,p-Xylene	11.841	106	343588	25.75	ug/L	97
55) o-xylene	12.164	106	328340	25.81	ug/L	98
56) Styrene	12.182	104	562882	25.95	ug/L	99
57) Isopropylbenzene	12.463	105	886209	25.62	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	160016	24.88	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	120971	24.92	ug/L	98
62) Bromoform	12.353	173	89561	24.34	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	381214	24.82	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	393184	25.37	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	344296	25.08	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	26979	21.75	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.627	180	284281	25.67	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	242592	25.74	ug/L	95
69) Naphthalene	15.365	128	486133	24.77	ug/L	98
70) 1,2,3-Trichlorobenzene	15.554	180	210374	25.58	ug/L	97

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

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