

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018148.D
 Acq On : 15 Feb 2021 20:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Feb 16 02:28:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	194754	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87968	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.891	69	77431	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	4.031	63	206623	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.080	46	52542	38.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
24) Chloroform-d	7.647	84	242184	22.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	8.305	65	118373	20.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.56%
29) Benzene-d6	8.275	84	463621	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.274	67	131118	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.44%
37) Toluene-d8	10.323	98	439574	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloroprop...	10.579	79	56544	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	10.920	63	45837	41.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.60%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110626	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.853	152	167784	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	112912	20.34	ug/L	97
3) Chloromethane	2.215	50	83695	20.46	ug/L	98
5) Vinyl chloride	2.367	62	134498	23.85	ug/L	100
6) Bromomethane	2.782	94	92778	23.13	ug/L	100
8) Chloroethane	2.928	64	79206	23.50	ug/L	98
9) Trichlorofluoromethane	3.263	101	88721	21.75	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	140860	24.17	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	135370	24.69	ug/L	85
13) Acetone	4.129	43	35020	34.78	ug/L	96
14) Carbon disulfide	4.391	76	374053	23.42	ug/L	99
15) Methyl Acetate	4.672	43	44866	20.09	ug/L	96
16) Methylene chloride	4.922	84	146824	22.33	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	151087	24.54	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	146973	25.08	ug/L	93
19) 1,1-Dichloroethane	6.220	63	233727	24.71	ug/L	98
21) 2-Butanone	7.171	43	56364	36.77	ug/L	92
22) cis-1,2-Dichloroethene	7.165	96	155244	25.54	ug/L	97
23) Bromochloromethane	7.519	128	71299	24.41	ug/L	88
25) Chloroform	7.677	83	257427	24.94	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152173	22.72	ug/L	100
30) Cyclohexane	7.958	56	204329	23.92	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	212095	25.61	ug/L	98
32) Carbon tetrachloride	8.067	117	200476	24.99	ug/L	98
34) Benzene	8.323	78	551341	25.26	ug/L	100
35) Trichloroethene	9.092	95	151989	24.71	ug/L	98
36) Methylcyclohexane	9.335	83	253608	24.52	ug/L	95
40) 1,2-Dichloropropane	9.366	63	126419	25.24	ug/L	100
41) Bromodichloromethane	9.646	83	177619	24.76	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	202514	25.09	ug/L	99
43) 4-Methyl-2-pentanone	10.213	43	129814	41.68	ug/L	92
44) Toluene	10.390	91	620101	25.81	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	172563	24.56	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	103796	24.28	ug/L	96
47) Tetrachloroethene	10.860	164	130260	24.87	ug/L	91
49) 2-Hexanone	10.969	43	87167	40.27	ug/L	95
50) Dibromochloromethane	11.128	129	127993	24.98	ug/L	98
51) 1,2-Dibromoethane	11.231	107	99369	23.30	ug/L	97
52) Chlorobenzene	11.658	112	405955	25.65	ug/L	97
53) Ethylbenzene	11.731	91	698277	25.58	ug/L	100
54) m,p-Xylene	11.835	106	266339	25.59	ug/L	98
55) o-xylene	12.164	106	258336	26.16	ug/L	99
56) Styrene	12.182	104	441606	26.29	ug/L	96
57) Isopropylbenzene	12.463	105	714216	25.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	114023	22.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	83201	21.71	ug/L	99
62) Bromoform	12.347	173	72188	24.05	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	323387	26.05	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	319918	25.62	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	291743	26.06	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	17276	20.37	ug/L	93
67) 1,3,5-Trichlorobenzene	14.627	180	240302	25.20	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	205302	25.82	ug/L	96
69) Naphthalene	15.365	128	362032	23.40	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	172449	24.33	ug/L	97

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

