

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018073.D
 Acq On : 10 Feb 2021 19:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Feb 11 00:59:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	356670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	174454	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	89721	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.892	69	74540	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.032	63	198647	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.074	46	66081	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
24) Chloroform-d	7.647	84	223855	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.305	65	119109	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.275	84	428790	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
33) 1,2-Dichloropropane-d6	9.275	67	122014	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.323	98	410848	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloroprop...	10.579	79	57538	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	10.927	63	55332	59.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.12%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	121745	28.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.12%
61) 1,2-Dichlorobenzene-d4	13.853	152	158797	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	111341	23.07	ug/L	96
3) Chloromethane	2.215	50	76826	21.61	ug/L	97
5) Vinyl chloride	2.367	62	125624	25.63	ug/L	98
6) Bromomethane	2.782	94	83128	23.84	ug/L	98
8) Chloroethane	2.928	64	71232	24.32	ug/L	98
9) Trichlorofluoromethane	3.257	101	80740	22.78	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	128513	25.37	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	121143	25.42	ug/L	90
13) Acetone	4.117	43	40427	46.19	ug/L	98
14) Carbon disulfide	4.391	76	344295	24.81	ug/L	100
15) Methyl Acetate	4.672	43	54286	27.96	ug/L	97
16) Methylene chloride	4.922	84	123195	21.55	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	143388	26.80	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	128460	25.22	ug/L	92
19) 1,1-Dichloroethane	6.214	63	205209	24.96	ug/L	99
21) 2-Butanone	7.165	43	70433	52.86	ug/L	95
22) cis-1,2-Dichloroethene	7.171	96	135483	25.65	ug/L	94
23) Bromochloromethane	7.519	128	65264	25.70	ug/L	91
25) Chloroform	7.677	83	226523	25.25	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	145352	24.97	ug/L	100
30) Cyclohexane	7.958	56	185810	25.46	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	186588	26.37	ug/L	99
32) Carbon tetrachloride	8.067	117	179981	26.26	ug/L	100
34) Benzene	8.323	78	483884	25.95	ug/L	100
35) Trichloroethene	9.092	95	134934	25.67	ug/L	99
36) Methylcyclohexane	9.335	83	222962	25.23	ug/L	96
40) 1,2-Dichloropropane	9.366	63	112904	26.38	ug/L	100
41) Bromodichloromethane	9.646	83	163374	26.66	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	183797	26.65	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	151447	56.91	ug/L #	92
44) Toluene	10.390	91	537073	26.16	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	163423	27.22	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	99879	27.34	ug/L	98
47) Tetrachloroethene	10.860	164	112563	25.16	ug/L	93
49) 2-Hexanone	10.969	43	108702	58.78	ug/L	95
50) Dibromochloromethane	11.128	129	120645	27.56	ug/L	97
51) 1,2-Dibromoethane	11.231	107	98816	27.12	ug/L #	99
52) Chlorobenzene	11.658	112	353499	26.14	ug/L	95
53) Ethylbenzene	11.731	91	597583	25.62	ug/L	99
54) m,p-Xylene	11.841	106	231465	26.03	ug/L	97
55) o-xylene	12.164	106	219644	26.03	ug/L	100
56) Styrene	12.183	104	377765	26.33	ug/L	98
57) Isopropylbenzene	12.463	105	611184	26.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	121146	28.03	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	91314	27.89	ug/L	99
62) Bromoform	12.347	173	76471	28.44	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	280381	25.21	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	281473	25.17	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	260663	25.99	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	20800	27.38	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	217348	25.44	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	177653	24.94	ug/L	94
69) Naphthalene	15.365	128	382823	27.63	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164635	25.93	ug/L	98

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

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