

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
 Data File : VW018320.D
 Acq On : 12 Mar 2021 15:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Quant Time: Mar 13 00:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 00:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	254088	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	228737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	100659	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	65993	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	2.897	69	53802	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.031	63	162634	25.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.76%
20) 2-Butanone-d5	7.086	46	27547	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
24) Chloroform-d	7.653	84	169691	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.305	65	87182	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.275	84	299663	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.274	67	81057	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.323	98	293175	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloroprop...	10.579	79	38090	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.927	63	24471	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	66134	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	96202	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	88647	25.14	ug/L	99
3) Chloromethane	2.221	50	57057	24.68	ug/L	100
5) Vinyl chloride	2.373	62	92669	26.10	ug/L	99
6) Bromomethane	2.788	94	65847	24.94	ug/L	100
8) Chloroethane	2.934	64	53305	26.16	ug/L	91
9) Trichlorofluoromethane	3.269	101	89216	29.80	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	95489	26.38	ug/L	99
12) 1,1-Dichloroethene	4.056	96	90520	27.11	ug/L	85
13) Acetone	4.141	43	20532	40.16	ug/L	100
14) Carbon disulfide	4.391	76	260236	26.76	ug/L	100
15) Methyl Acetate	4.684	43	24537	22.20	ug/L	98
16) Methylene chloride	4.928	84	87955	22.68	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	97609	25.49	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	95434	26.90	ug/L	95
19) 1,1-Dichloroethane	6.220	63	152943	26.30	ug/L	97
21) 2-Butanone	7.177	43	30661	43.29	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	95932	25.84	ug/L	98
23) Bromochloromethane	7.519	128	41095	24.60	ug/L	97
25) Chloroform	7.683	83	175713	26.37	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	110077	24.91	ug/L	97
30) Cyclohexane	7.958	56	134281	27.21	ug/L	100
31) 1,1,1-Trichloroethane	7.878	97	154309	27.33	ug/L	99
32) Carbon tetrachloride	8.073	117	146457	26.94	ug/L	100
34) Benzene	8.323	78	354682	26.95	ug/L	100
35) Trichloroethene	9.091	95	102899	26.67	ug/L	99
36) Methylcyclohexane	9.335	83	166208	26.79	ug/L	99
40) 1,2-Dichloropropane	9.372	63	80393	26.30	ug/L	99
41) Bromodichloromethane	9.646	83	123696	26.03	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	134011	26.16	ug/L	96
43) 4-Methyl-2-pentanone	10.213	43	72071	45.42	ug/L	97
44) Toluene	10.390	91	399975	27.12	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	118251	25.84	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	62578	24.91	ug/L	97
47) Tetrachloroethene	10.859	164	78803	27.28	ug/L	87
49) 2-Hexanone	10.969	43	50136	45.83	ug/L	98
50) Dibromochloromethane	11.128	129	79506	25.74	ug/L	90
51) 1,2-Dibromoethane	11.237	107	59326	23.98	ug/L	95
52) Chlorobenzene	11.658	112	249502	26.11	ug/L	98
53) Ethylbenzene	11.731	91	458509	27.05	ug/L	99
54) m,p-Xylene	11.841	106	171452	26.70	ug/L	97
55) o-xylene	12.164	106	157653	26.25	ug/L	95
56) Styrene	12.182	104	267891	26.07	ug/L	99
57) Isopropylbenzene	12.463	105	451933	26.53	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	67972	23.46	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	50912	23.19	ug/L	99
62) Bromoform	12.347	173	38988	26.33	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	189992	28.42	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	189774	28.69	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	166966	27.76	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	11598	24.70	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.627	180	129396	26.52	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	104358	26.06	ug/L	89
69) Naphthalene	15.359	128	202127	25.65	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	95134	27.30	ug/L	96

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

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