

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018570.D
 Acq On : 07 Apr 2021 10:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Apr 08 05:31:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	447172	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	437784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	229672	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	170171	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.40%
7) Chloroethane-d5	2.891	69	145786	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.04%
10) 1,1-Dichloroethene-d2	4.025	63	275065	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.40%
20) 2-Butanone-d5	7.080	46	80530	58.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.26%
24) Chloroform-d	7.647	84	311601	27.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.44%
26) 1,2-Dichloroethane-d4	8.305	65	177252	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.275	84	573816	24.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
33) 1,2-Dichloropropane-d6	9.274	67	171982	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.48%
37) Toluene-d8	10.323	98	570161	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.76%
38) trans-1,3-Dichloroprop...	10.579	79	85220	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.44%
39) 2-Hexanone-d5	10.920	63	66804	50.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.70%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	166626	27.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	202677	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	114853	22.36	ug/L	93
3) Chloromethane	2.215	50	164819	25.46	ug/L	98
5) Vinyl chloride	2.367	62	243075	28.59	ug/L	100
6) Bromomethane	2.782	94	167483	27.28	ug/L	98
8) Chloroethane	2.928	64	149919	28.28	ug/L	100
9) Trichlorofluoromethane	3.257	101	119417	27.92	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	162502	29.55	ug/L	98
12) 1,1-Dichloroethene	4.038	96	160013	28.51	ug/L	95
13) Acetone	4.123	43	53768	54.03	ug/L	98
14) Carbon disulfide	4.385	76	472075	27.93	ug/L	100
15) Methyl Acetate	4.672	43	68688	30.18	ug/L	94
16) Methylene chloride	4.915	84	168392	22.96	ug/L	92
17) Methyl tert-butyl Ether	5.421	73	218874	26.69	ug/L #	88
18) trans-1,2-Dichloroethene	5.421	96	172175	27.78	ug/L	99
19) 1,1-Dichloroethane	6.214	63	294252	27.83	ug/L	97
21) 2-Butanone	7.171	43	89972	56.90	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	181651	27.87	ug/L	97
23) Bromochloromethane	7.513	128	86243	29.89	ug/L	91
25) Chloroform	7.671	83	321947	28.69	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	224699	28.22	ug/L	100
30) Cyclohexane	7.951	56	263096	25.32	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	265995	27.18	ug/L	98
32) Carbon tetrachloride	8.067	117	252999	27.75	ug/L	99
34) Benzene	8.323	78	681203	26.87	ug/L	100
35) Trichloroethene	9.091	95	186354	26.60	ug/L	97
36) Methylcyclohexane	9.335	83	316340	25.79	ug/L	99
40) 1,2-Dichloropropane	9.366	63	165034	26.61	ug/L	97
41) Bromodichloromethane	9.646	83	239063	27.27	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	269011	25.65	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	204407	54.81	ug/L	95
44) Toluene	10.384	91	790694	27.43	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	247828	26.32	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	136243	27.55	ug/L	98
47) Tetrachloroethene	10.859	164	147341	27.70	ug/L	89
49) 2-Hexanone	10.969	43	140039	53.06	ug/L	99
50) Dibromochloromethane	11.128	129	167309	28.69	ug/L	88
51) 1,2-Dibromoethane	11.231	107	134755	27.51	ug/L	98
52) Chlorobenzene	11.658	112	496466	27.16	ug/L	98
53) Ethylbenzene	11.731	91	887399	27.31	ug/L	98
54) m,p-Xylene	11.841	106	338740	27.28	ug/L	100
55) o-xylene	12.164	106	318016	26.86	ug/L	95
56) Styrene	12.182	104	557331	27.61	ug/L	91
57) Isopropylbenzene	12.463	105	876855	27.23	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	171641	28.68	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	127763	28.27	ug/L	99
62) Bromoform	12.347	173	91708	26.04	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	387922	26.39	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	389265	26.24	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	347275	26.43	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	27910	23.51	ug/L #	73
67) 1,3,5-Trichlorobenzene	14.627	180	274120	25.86	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	231306	25.64	ug/L	96
69) Naphthalene	15.365	128	475373	25.31	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	203734	25.88	ug/L	96

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

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