

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018460.D
 Acq On : 26 Mar 2021 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Mar 27 01:26:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 26 01:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	557553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	512281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	258024	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144451	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	2.891	69	136477	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.36%
10) 1,1-Dichloroethene-d2	4.019	63	283401	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.60%
20) 2-Butanone-d5	7.080	46	87414	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
24) Chloroform-d	7.647	84	322821	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.305	65	190430	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.275	84	579617	21.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.12%
33) 1,2-Dichloropropane-d6	9.274	67	173448	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	10.323	98	555214	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.68%
38) trans-1,3-Dichloroprop...	10.579	79	92754	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.927	63	77067	50.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	173795	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	209392	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	137118	21.41	ug/L	99
3) Chloromethane	2.215	50	161275	19.98	ug/L	100
5) Vinyl chloride	2.367	62	244707	23.09	ug/L	100
6) Bromomethane	2.782	94	178439	23.31	ug/L	100
8) Chloroethane	2.928	64	155152	23.47	ug/L	97
9) Trichlorofluoromethane	3.257	101	126898	23.79	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	167753	24.46	ug/L	99
12) 1,1-Dichloroethene	4.044	96	171722	24.54	ug/L	94
13) Acetone	4.129	43	63091	50.84	ug/L	100
14) Carbon disulfide	4.385	76	488459	23.18	ug/L	100
15) Methyl Acetate	4.672	43	73773	25.99	ug/L	99
16) Methylene chloride	4.915	84	181948	19.90	ug/L	90
17) Methyl tert-butyl Ether	5.421	73	252172	24.66	ug/L	100
18) trans-1,2-Dichloroethene	5.428	96	183975	23.81	ug/L	99
19) 1,1-Dichloroethane	6.214	63	314864	23.88	ug/L	96
21) 2-Butanone	7.171	43	97794	49.60	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	196054	24.12	ug/L	97
23) Bromochloromethane	7.513	128	90303	25.11	ug/L	89
25) Chloroform	7.671	83	342114	24.45	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	243763	24.56	ug/L	99
30) Cyclohexane	7.958	56	271357	22.31	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	282793	24.70	ug/L	98
32) Carbon tetrachloride	8.067	117	268903	25.20	ug/L	98
34) Benzene	8.323	78	712675	24.02	ug/L	100
35) Trichloroethene	9.091	95	198156	24.18	ug/L	98
36) Methylcyclohexane	9.335	83	328076	22.86	ug/L	99
40) 1,2-Dichloropropane	9.366	63	171964	23.69	ug/L	98
41) Bromodichloromethane	9.646	83	259062	25.25	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	301339	24.55	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	224884	51.53	ug/L	98
44) Toluene	10.390	91	806135	23.90	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	269651	24.47	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	147365	25.47	ug/L	98
47) Tetrachloroethene	10.859	164	153410	24.65	ug/L	89
49) 2-Hexanone	10.969	43	160551	51.99	ug/L	98
50) Dibromochloromethane	11.128	129	177639	26.03	ug/L	88
51) 1,2-Dibromoethane	11.237	107	146445	25.55	ug/L	100
52) Chlorobenzene	11.658	112	512837	23.98	ug/L	99
53) Ethylbenzene	11.731	91	904295	23.78	ug/L	99
54) m,p-Xylene	11.835	106	343789	23.66	ug/L	99
55) o-xylene	12.164	106	328440	23.71	ug/L	100
56) Styrene	12.176	104	571048	24.17	ug/L	100
57) Isopropylbenzene	12.463	105	922689	24.49	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	182682	26.08	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	139478	26.38	ug/L	100
62) Bromoform	12.353	173	104613	26.44	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	400483	24.25	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	406239	24.38	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	354493	24.02	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	33662	25.23	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	292497	24.56	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	249374	24.61	ug/L	93
69) Naphthalene	15.365	128	536274	25.42	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	211169	23.88	ug/L	98

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

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