

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018524.D
 Acq On : 31 Mar 2021 19:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Apr 01 02:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438597	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	226059	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	182391	29.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.52%
7) Chloroethane-d5	2.892	69	154674	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.80%
10) 1,1-Dichloroethene-d2	4.032	63	277257	26.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.24%
20) 2-Butanone-d5	7.080	46	79704	58.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.32%
24) Chloroform-d	7.647	84	316242	28.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.24%
26) 1,2-Dichloroethane-d4	8.305	65	189208	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.04%
29) Benzene-d6	8.275	84	593594	26.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.96%
33) 1,2-Dichloropropane-d6	9.275	67	177154	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	10.323	98	591084	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.56%
38) trans-1,3-Dichloroprop...	10.579	79	85548	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	10.927	63	68772	53.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.72%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	171307	29.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.40%
61) 1,2-Dichlorobenzene-d4	13.853	152	205482	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	117055	23.24	ug/L	97
3) Chloromethane	2.221	50	146525	23.07	ug/L	99
5) Vinyl chloride	2.367	62	213311	25.58	ug/L	100
6) Bromomethane	2.788	94	164774	27.36	ug/L	100
8) Chloroethane	2.928	64	139431	26.82	ug/L	96
9) Trichlorofluoromethane	3.263	101	103378	24.64	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	145637	27.00	ug/L	99
12) 1,1-Dichloroethene	4.050	96	140430	25.51	ug/L	94
13) Acetone	4.129	43	49834	51.05	ug/L	98
14) Carbon disulfide	4.391	76	422019	25.45	ug/L	98
15) Methyl Acetate	4.672	43	65669	29.41	ug/L	95
16) Methylene chloride	4.922	84	158581	22.04	ug/L	92
17) Methyl tert-butyl Ether	5.428	73	215747	26.82	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	158475	26.07	ug/L	94
19) 1,1-Dichloroethane	6.220	63	272951	26.32	ug/L	97
21) 2-Butanone	7.177	43	84011	54.17	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	167861	26.26	ug/L	95
23) Bromochloromethane	7.519	128	76964	27.20	ug/L	90
25) Chloroform	7.677	83	296486	26.94	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	219525	28.11	ug/L	100
30) Cyclohexane	7.958	56	236448	23.41	ug/L	96
31) 1,1,1-Trichloroethane	7.878	97	232086	24.40	ug/L	97
32) Carbon tetrachloride	8.074	117	217531	24.55	ug/L	100
34) Benzene	8.330	78	627969	25.48	ug/L	100
35) Trichloroethene	9.092	95	168838	24.80	ug/L	98
36) Methylcyclohexane	9.336	83	286783	24.06	ug/L	99
40) 1,2-Dichloropropane	9.372	63	155391	25.78	ug/L	97
41) Bromodichloromethane	9.646	83	218751	25.67	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	252087	24.73	ug/L	98
43) 4-Methyl-2-pentanone	10.213	43	199388	55.00	ug/L	94
44) Toluene	10.390	91	735314	26.25	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	235259	25.70	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	129788	27.00	ug/L	98
47) Tetrachloroethene	10.866	164	132739	25.68	ug/L	97
49) 2-Hexanone	10.969	43	138651	54.05	ug/L	96
50) Dibromochloromethane	11.128	129	149719	26.42	ug/L	92
51) 1,2-Dibromoethane	11.238	107	128963	27.09	ug/L	98
52) Chlorobenzene	11.658	112	460252	25.91	ug/L	95
53) Ethylbenzene	11.731	91	819982	25.96	ug/L	100
54) m,p-Xylene	11.841	106	305411	25.30	ug/L	94
55) o-xylene	12.164	106	299210	26.00	ug/L	98
56) Styrene	12.183	104	518304	26.42	ug/L	98
57) Isopropylbenzene	12.463	105	811140	25.92	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	164809	28.33	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	123080	28.02	ug/L	100
62) Bromoform	12.353	173	87215	25.16	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	357904	24.73	ug/L	89
64) 1,4-Dichlorobenzene	13.579	146	358109	24.53	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	336072	25.99	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	28673	24.53	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.627	180	259233	24.84	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	221579	24.96	ug/L	95
69) Naphthalene	15.365	128	487446	26.37	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	196574	25.37	ug/L	98

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

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