

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018643.D
 Acq On : 13 Apr 2021 15:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Apr 14 01:28:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	457283	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	232476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	120145	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
7) Chloroethane-d5	2.891	69	114047	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.88%
10) 1,1-Dichloroethene-d2	4.031	63	222351	20.24	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.96%
20) 2-Butanone-d5	7.080	46	83361	58.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.68%
24) Chloroform-d	7.647	84	287453	24.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	8.305	65	166832	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.16%
29) Benzene-d6	8.275	84	500275	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.274	67	155559	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.323	98	478713	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloroprop...	10.579	79	72771	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.926	63	71156	55.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.40%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	167422	28.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	188580	22.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	100202	19.08	ug/L	100
3) Chloromethane	2.221	50	136965	20.69	ug/L	99
5) Vinyl chloride	2.367	62	202367	23.28	ug/L	97
6) Bromomethane	2.788	94	138630	22.08	ug/L	99
8) Chloroethane	2.928	64	128649	23.73	ug/L	98
9) Trichlorofluoromethane	3.269	101	122135	27.92	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	152534	27.12	ug/L	99
12) 1,1-Dichloroethene	4.044	96	143730	25.04	ug/L	95
13) Acetone	4.135	43	50737	49.85	ug/L	97
14) Carbon disulfide	4.391	76	397677	23.01	ug/L	99
15) Methyl Acetate	4.678	43	67695	29.08	ug/L	94
16) Methylene chloride	4.915	84	153820	20.51	ug/L	91
17) Methyl tert-butyl Ether	5.427	73	214201	25.54	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	158577	25.02	ug/L	94
19) 1,1-Dichloroethane	6.220	63	277985	25.71	ug/L	97
21) 2-Butanone	7.177	43	87946	54.39	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	170046	25.51	ug/L	99
23) Bromochloromethane	7.512	128	78264	26.53	ug/L #	90
25) Chloroform	7.677	83	304993	26.58	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	212981	26.16	ug/L	99
30) Cyclohexane	7.958	56	234122	23.17	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	247409	26.00	ug/L	98
32) Carbon tetrachloride	8.073	117	233564	26.34	ug/L	99
34) Benzene	8.323	78	637743	25.87	ug/L	100
35) Trichloroethene	9.091	95	174824	25.67	ug/L	98
36) Methylcyclohexane	9.335	83	286527	24.02	ug/L	99
40) 1,2-Dichloropropane	9.372	63	155486	25.78	ug/L	99
41) Bromodichloromethane	9.646	83	221800	26.02	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	253239	24.83	ug/L	98
43) 4-Methyl-2-pentanone	10.213	43	209799	57.85	ug/L	95
44) Toluene	10.390	91	733631	26.17	ug/L	96
45) trans-1,3-Dichloropropene	10.609	75	227572	24.85	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	132991	27.65	ug/L	99
47) Tetrachloroethene	10.866	164	133111	25.74	ug/L	97
49) 2-Hexanone	10.969	43	142404	55.49	ug/L	96
50) Dibromochloromethane	11.128	129	154422	27.23	ug/L	95
51) 1,2-Dibromoethane	11.237	107	127728	26.82	ug/L	97
52) Chlorobenzene	11.658	112	463079	26.05	ug/L	99
53) Ethylbenzene	11.731	91	807767	25.56	ug/L	100
54) m,p-Xylene	11.841	106	307463	25.46	ug/L	97
55) o-xylene	12.164	106	291663	25.33	ug/L	99
56) Styrene	12.182	104	505966	25.77	ug/L	94
57) Isopropylbenzene	12.463	105	809779	25.86	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	163563	28.10	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	123798	28.17	ug/L	99
62) Bromoform	12.347	173	89572	25.13	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	360418	24.22	ug/L	99
64) 1,4-Dichlorobenzene	13.578	146	361525	24.08	ug/L	99
65) 1,2-Dichlorobenzene	13.871	146	342808	25.78	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	27070	22.52	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	257027	23.95	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	220766	24.18	ug/L	95
69) Naphthalene	15.365	128	473634	24.91	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	195815	24.58	ug/L	97

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

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