

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018610.D
 Acq On : 08 Apr 2021 18:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Apr 09 03:14:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	466131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	437023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	234886	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	130232	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.32%
7) Chloroethane-d5	2.891	69	120976	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
10) 1,1-Dichloroethene-d2	4.031	63	237531	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.84%
20) 2-Butanone-d5	7.080	46	71814	49.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.46%
24) Chloroform-d	7.647	84	283214	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.305	65	163722	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.275	84	506423	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.274	67	154472	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.323	98	490051	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloroprop...	10.579	79	69980	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.927	63	60341	46.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.02%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	153945	25.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	193810	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	115693	21.61	ug/L	92
3) Chloromethane	2.215	50	151422	22.44	ug/L	98
5) Vinyl chloride	2.367	62	215789	24.35	ug/L	100
6) Bromomethane	2.782	94	156324	24.43	ug/L	100
8) Chloroethane	2.928	64	142341	25.76	ug/L	99
9) Trichlorofluoromethane	3.263	101	123874	27.78	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	158984	27.73	ug/L	100
12) 1,1-Dichloroethene	4.044	96	150414	25.71	ug/L	96
13) Acetone	4.135	43	47325	45.62	ug/L	97
14) Carbon disulfide	4.391	76	432838	24.56	ug/L	100
15) Methyl Acetate	4.678	43	61211	25.80	ug/L	98
16) Methylene chloride	4.922	84	176388	23.07	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	216687	25.35	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	169351	26.22	ug/L	99
19) 1,1-Dichloroethane	6.220	63	291287	26.43	ug/L	97
21) 2-Butanone	7.177	43	83122	50.43	ug/L	95
22) cis-1,2-Dichloroethene	7.171	96	184183	27.11	ug/L	98
23) Bromochloromethane	7.519	128	84259	28.02	ug/L	93
25) Chloroform	7.677	83	323883	27.69	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	221875	26.73	ug/L	99
30) Cyclohexane	7.958	56	249872	24.08	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	259055	26.52	ug/L	99
32) Carbon tetrachloride	8.073	117	246436	27.07	ug/L	100
34) Benzene	8.323	78	680247	26.88	ug/L	100
35) Trichloroethene	9.091	95	188140	26.91	ug/L	98
36) Methylcyclohexane	9.335	83	308270	25.18	ug/L	99
40) 1,2-Dichloropropane	9.366	63	162328	26.22	ug/L	99
41) Bromodichloromethane	9.646	83	229404	26.21	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	262272	25.05	ug/L	96
43) 4-Methyl-2-pentanone	10.213	43	196847	52.87	ug/L	96
44) Toluene	10.390	91	776234	26.98	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	239065	25.43	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	135965	27.54	ug/L	99
47) Tetrachloroethene	10.859	164	146541	27.60	ug/L	97
49) 2-Hexanone	10.969	43	134893	51.20	ug/L	96
50) Dibromochloromethane	11.128	129	160020	27.49	ug/L	98
51) 1,2-Dibromoethane	11.237	107	133320	27.27	ug/L	97
52) Chlorobenzene	11.658	112	494066	27.08	ug/L	100
53) Ethylbenzene	11.731	91	883126	27.22	ug/L	96
54) m,p-Xylene	11.841	106	331895	26.77	ug/L	98
55) o-xylene	12.164	106	320545	27.12	ug/L	93
56) Styrene	12.182	104	557683	27.67	ug/L	93
57) Isopropylbenzene	12.463	105	867440	26.99	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	165758	27.74	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	125985	27.93	ug/L	99
62) Bromoform	12.347	173	89200	24.77	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	385494	25.64	ug/L	99
64) 1,4-Dichlorobenzene	13.578	146	394556	26.01	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	357512	26.61	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	26780	22.05	ug/L	86
67) 1,3,5-Trichlorobenzene	14.627	180	275463	25.41	ug/L	93
68) 1,2,4-trichlorobenzene	15.133	180	232217	25.17	ug/L	94
69) Naphthalene	15.365	128	481819	25.08	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	210075	26.10	ug/L	98

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

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