

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
 Data File : VW018458.D
 Acq On : 25 Mar 2021 15:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Mar 26 01:32:32 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	564051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	519491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	263920	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	146272	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	2.891	69	136072	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.031	63	283147	20.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.56%
20) 2-Butanone-d5	7.080	46	78706	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
24) Chloroform-d	7.653	84	318639	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	8.305	65	185877	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.275	84	577967	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.274	67	173895	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.323	98	565770	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloroprop...	10.579	79	85906	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.927	63	68532	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	165474	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	208992	22.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	137212	21.18	ug/L	98
3) Chloromethane	2.215	50	162395	19.89	ug/L	97
5) Vinyl chloride	2.367	62	251296	23.44	ug/L	100
6) Bromomethane	2.782	94	180885	23.36	ug/L	99
8) Chloroethane	2.928	64	156002	23.33	ug/L	100
9) Trichlorofluoromethane	3.263	101	132942	24.64	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	172769	24.90	ug/L	99
12) 1,1-Dichloroethene	4.050	96	168764	23.84	ug/L	92
13) Acetone	4.135	43	54617	43.51	ug/L	99
14) Carbon disulfide	4.391	76	486843	22.83	ug/L	99
15) Methyl Acetate	4.678	43	68355	23.81	ug/L	99
16) Methylene chloride	4.922	84	184708	19.96	ug/L	96
17) Methyl tert-butyl Ether	5.421	73	253221	24.48	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	190428	24.36	ug/L	95
19) 1,1-Dichloroethane	6.214	63	325923	24.44	ug/L	96
21) 2-Butanone	7.177	43	90171	45.21	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	202165	24.59	ug/L	95
23) Bromochloromethane	7.519	128	92326	25.37	ug/L	94
25) Chloroform	7.677	83	351762	24.85	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	248834	24.78	ug/L	99
30) Cyclohexane	7.958	56	280417	22.74	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	288565	24.85	ug/L	98
32) Carbon tetrachloride	8.073	117	266093	24.59	ug/L	100
34) Benzene	8.323	78	740742	24.62	ug/L	100
35) Trichloroethene	9.091	95	205917	24.77	ug/L	99
36) Methylcyclohexane	9.335	83	336156	23.10	ug/L	100
40) 1,2-Dichloropropane	9.372	63	181576	24.67	ug/L	98
41) Bromodichloromethane	9.646	83	257853	24.79	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	301460	24.22	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	210988	47.67	ug/L	99
44) Toluene	10.390	91	833889	24.38	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	273680	24.49	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	146751	25.01	ug/L	99
47) Tetrachloroethene	10.866	164	155278	24.60	ug/L	94
49) 2-Hexanone	10.969	43	147620	47.14	ug/L	99
50) Dibromochloromethane	11.128	129	171340	24.76	ug/L	97
51) 1,2-Dibromoethane	11.237	107	145860	25.10	ug/L	97
52) Chlorobenzene	11.658	112	524270	24.17	ug/L	95
53) Ethylbenzene	11.731	91	948485	24.60	ug/L	97
54) m,p-Xylene	11.841	106	357807	24.28	ug/L	95
55) o-xylene	12.164	106	349702	24.89	ug/L	99
56) Styrene	12.182	104	598690	24.99	ug/L	95
57) Isopropylbenzene	12.463	105	938575	24.57	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	179020	25.20	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	135835	25.33	ug/L	99
62) Bromoform	12.347	173	99882	24.68	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	401185	23.75	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	402664	23.62	ug/L	99
65) 1,2-Dichlorobenzene	13.865	146	371852	24.63	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	31139	22.82	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	295111	24.22	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	246957	23.82	ug/L	95
69) Naphthalene	15.365	128	515673	23.89	ug/L	100
70) 1,2,3-Trichlorobenzene	15.548	180	215646	23.84	ug/L	99

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

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