

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018420.D
 Acq On : 23 Mar 2021 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Mar 24 01:17:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	549420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	508069	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	262563	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	189064	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.92%		
7) Chloroethane-d5	2.898	69	172073	25.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.84%		
10) 1,1-Dichloroethene-d2	4.026	63	344248	26.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	104.32%		
20) 2-Butanone-d5	7.074	46	84073	49.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.78%		
24) Chloroform-d	7.647	84	359026	25.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.64%		
26) 1,2-Dichloroethane-d4	8.305	65	208773	25.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.24%		
29) Benzene-d6	8.275	84	673576	24.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.76%		
33) 1,2-Dichloropropane-d6	9.275	67	195931	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
37) Toluene-d8	10.323	98	648718	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.76%		
38) trans-1,3-Dichloroprop...	10.579	79	100560	25.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.12%		
39) 2-Hexanone-d5	10.921	63	73449	48.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.34%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	176063	25.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	221590	23.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	176932	28.04	ug/L	98
3) Chloromethane	2.221	50	197831	24.87	ug/L	98
5) Vinyl chloride	2.367	62	299764	28.70	ug/L	98
6) Bromomethane	2.788	94	227754	30.19	ug/L	99
8) Chloroethane	2.928	64	192474	29.55	ug/L	95
9) Trichlorofluoromethane	3.263	101	156059	29.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	194383	28.77	ug/L	99
12) 1,1-Dichloroethene	4.044	96	195667	28.37	ug/L	98
13) Acetone	4.117	43	62609	51.20	ug/L	99
14) Carbon disulfide	4.385	76	590696	28.44	ug/L	99
15) Methyl Acetate	4.672	43	77404	27.68	ug/L	96
16) Methylene chloride	4.922	84	203098	22.54	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	272961	27.09	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	210122	27.60	ug/L	95
19) 1,1-Dichloroethane	6.220	63	367732	28.31	ug/L	96
21) 2-Butanone	7.171	43	97992	50.44	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	223701	27.93	ug/L	96
23) Bromochloromethane	7.513	128	98054	27.66	ug/L #	87
25) Chloroform	7.677	83	385714	27.98	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	274987	28.11	ug/L	98
30) Cyclohexane	7.958	56	332441	27.56	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	325695	28.68	ug/L	98
32) Carbon tetrachloride	8.074	117	303764	28.71	ug/L	98
34) Benzene	8.324	78	834615	28.36	ug/L	100
35) Trichloroethene	9.092	95	226061	27.81	ug/L	98
36) Methylcyclohexane	9.336	83	384216	26.99	ug/L	98
40) 1,2-Dichloropropane	9.366	63	197934	27.50	ug/L	97
41) Bromodichloromethane	9.646	83	287714	28.28	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	340611	27.98	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	228543	52.80	ug/L	96
44) Toluene	10.390	91	927336	27.72	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	309671	28.33	ug/L	98
46) 1,1,2-Trichloroethane	10.787	97	159032	27.71	ug/L	98
47) Tetrachloroethene	10.860	164	176406	28.58	ug/L	87
49) 2-Hexanone	10.969	43	157479	51.42	ug/L	98
50) Dibromochloromethane	11.128	129	190628	28.17	ug/L	98
51) 1,2-Dibromoethane	11.232	107	157839	27.77	ug/L	92
52) Chlorobenzene	11.658	112	585839	27.62	ug/L	93
53) Ethylbenzene	11.731	91	1075096	28.51	ug/L	99
54) m,p-Xylene	11.835	106	409626	28.42	ug/L	100
55) o-xylene	12.164	106	385890	28.09	ug/L	96
56) Styrene	12.183	104	664984	28.38	ug/L	95
57) Isopropylbenzene	12.463	105	1068741	28.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	192244	27.68	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	146814	28.00	ug/L	100
62) Bromoform	12.347	173	110510	27.45	ug/L #	98
63) 1,3-Dichlorobenzene	13.493	146	457150	27.20	ug/L	100
64) 1,4-Dichlorobenzene	13.579	146	439428	25.91	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	409024	27.23	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	34978	25.77	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.621	180	343480	28.34	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	286920	27.82	ug/L	96
69) Naphthalene	15.359	128	560860	26.12	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	246525	27.40	ug/L	97

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

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