

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018399.D
 Acq On : 19 Mar 2021 19:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Mar 20 01:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	514726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	247771	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	185658	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.20%
7) Chloroethane-d5	2.898	69	168185	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
10) 1,1-Dichloroethene-d2	4.032	63	314156	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.20%
20) 2-Butanone-d5	7.074	46	91490	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
24) Chloroform-d	7.647	84	350984	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.305	65	210251	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.20%
29) Benzene-d6	8.275	84	664511	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.274	67	194951	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.323	98	651820	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloroprop...	10.579	79	98380	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.921	63	79193	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	185925	26.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.32%
61) 1,2-Dichlorobenzene-d4	13.853	152	228905	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	132557	21.67	ug/L	98
3) Chloromethane	2.221	50	187451	24.31	ug/L	97
5) Vinyl chloride	2.367	62	263932	26.07	ug/L	99
6) Bromomethane	2.782	94	205113	28.05	ug/L	100
8) Chloroethane	2.928	64	168157	26.63	ug/L	94
9) Trichlorofluoromethane	3.263	101	125452	24.63	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	170255	25.99	ug/L #	83
12) 1,1-Dichloroethene	4.050	96	168178	25.16	ug/L	93
13) Acetone	4.117	43	61259	51.68	ug/L	100
14) Carbon disulfide	4.391	76	508707	25.27	ug/L	98
15) Methyl Acetate	4.666	43	73879	27.25	ug/L	98
16) Methylene chloride	4.922	84	198858	22.76	ug/L	91
17) Methyl tert-butyl Ether	5.422	73	268994	27.54	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	187938	25.47	ug/L	97
19) 1,1-Dichloroethane	6.220	63	331072	26.29	ug/L	98
21) 2-Butanone	7.165	43	97614	51.84	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	201733	25.99	ug/L	96
23) Bromochloromethane	7.513	128	91002	26.49	ug/L #	82
25) Chloroform	7.677	83	349629	26.16	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	256750	27.08	ug/L	99
30) Cyclohexane	7.958	56	287208	23.50	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	282748	24.58	ug/L	97
32) Carbon tetrachloride	8.067	117	256898	23.96	ug/L	100
34) Benzene	8.323	78	760050	25.50	ug/L	100
35) Trichloroethene	9.092	95	201987	24.53	ug/L	99
36) Methylcyclohexane	9.335	83	344433	23.88	ug/L	97
40) 1,2-Dichloropropane	9.366	63	185912	25.49	ug/L	98
41) Bromodichloromethane	9.646	83	262870	25.50	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	312362	25.33	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	229127	52.25	ug/L	98
44) Toluene	10.384	91	859757	25.37	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	288267	26.03	ug/L	94
46) 1,1,2-Trichloroethane	10.786	97	149968	25.79	ug/L	96
47) Tetrachloroethene	10.860	164	154077	24.64	ug/L	97
49) 2-Hexanone	10.969	43	162791	52.46	ug/L	98
50) Dibromochloromethane	11.128	129	173025	25.24	ug/L	94
51) 1,2-Dibromoethane	11.238	107	150395	26.12	ug/L	98
52) Chlorobenzene	11.658	112	534348	24.86	ug/L	97
53) Ethylbenzene	11.731	91	955976	25.02	ug/L	100
54) m,p-Xylene	11.841	106	365409	25.03	ug/L	99
55) o-xylene	12.164	106	353240	25.38	ug/L	99
56) Styrene	12.183	104	617674	26.02	ug/L	97
57) Isopropylbenzene	12.463	105	947924	25.04	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	188473	26.78	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	140812	26.50	ug/L	99
62) Bromoform	12.353	173	102083	26.87	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	411998	25.98	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	395240	24.70	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	376934	26.60	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	34106	26.63	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	296058	25.89	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	231522	23.79	ug/L	91
69) Naphthalene	15.365	128	522485	25.79	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	214041	25.21	ug/L	97

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

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