

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018542.D
 Acq On : 01 Apr 2021 18:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Apr 02 03:33:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	480411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	463982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	249196	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	193722	28.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.92%
7) Chloroethane-d5	2.891	69	157350	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
10) 1,1-Dichloroethene-d2	4.025	63	292672	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.40%
20) 2-Butanone-d5	7.074	46	88187	59.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.50%
24) Chloroform-d	7.647	84	335993	27.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.84%
26) 1,2-Dichloroethane-d4	8.305	65	197921	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.84%
29) Benzene-d6	8.275	84	619462	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.274	67	186450	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.80%
37) Toluene-d8	10.323	98	614835	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.56%
38) trans-1,3-Dichloroprop...	10.579	79	88822	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.84%
39) 2-Hexanone-d5	10.926	63	76792	55.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.30%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	184101	28.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	220685	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	120506	21.84	ug/L	97
3) Chloromethane	2.215	50	168164	24.18	ug/L	97
5) Vinyl chloride	2.367	62	253063	27.71	ug/L	96
6) Bromomethane	2.782	94	177057	26.84	ug/L	98
8) Chloroethane	2.922	64	156182	27.42	ug/L	97
9) Trichlorofluoromethane	3.257	101	114849	24.99	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	166833	28.24	ug/L	99
12) 1,1-Dichloroethene	4.050	96	161755	26.82	ug/L	94
13) Acetone	4.117	43	57968	54.22	ug/L	96
14) Carbon disulfide	4.391	76	476715	26.25	ug/L	100
15) Methyl Acetate	4.665	43	78126	31.95	ug/L	95
16) Methylene chloride	4.921	84	177856	22.57	ug/L	93
17) Methyl tert-butyl Ether	5.427	73	232944	26.44	ug/L #	89
18) trans-1,2-Dichloroethene	5.427	96	181319	27.24	ug/L	98
19) 1,1-Dichloroethane	6.220	63	311976	27.46	ug/L	96
21) 2-Butanone	7.171	43	103916	61.17	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	192623	27.51	ug/L	93
23) Bromochloromethane	7.512	128	89706	28.94	ug/L	88
25) Chloroform	7.677	83	338463	28.07	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	247389	28.92	ug/L	98
30) Cyclohexane	7.958	56	276066	25.06	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	264651	25.52	ug/L	97
32) Carbon tetrachloride	8.067	117	258399	26.74	ug/L	98
34) Benzene	8.323	78	725271	26.99	ug/L	100
35) Trichloroethene	9.091	95	194759	26.23	ug/L	98
36) Methylcyclohexane	9.335	83	335851	25.84	ug/L	98
40) 1,2-Dichloropropane	9.366	63	176485	26.85	ug/L	98
41) Bromodichloromethane	9.646	83	249213	26.82	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	289712	26.06	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	235310	59.53	ug/L	97
44) Toluene	10.390	91	847223	27.74	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	271214	27.17	ug/L	94
46) 1,1,2-Trichloroethane	10.786	97	149995	28.62	ug/L	97
47) Tetrachloroethene	10.859	164	156899	27.83	ug/L	93
49) 2-Hexanone	10.969	43	168660	60.30	ug/L	97
50) Dibromochloromethane	11.128	129	170209	27.54	ug/L	100
51) 1,2-Dibromoethane	11.237	107	150626	29.02	ug/L	99
52) Chlorobenzene	11.658	112	528244	27.27	ug/L	98
53) Ethylbenzene	11.731	91	939855	27.29	ug/L	96
54) m,p-Xylene	11.835	106	361193	27.44	ug/L	100
55) o-xylene	12.164	106	352147	28.07	ug/L	98
56) Styrene	12.182	104	604792	28.27	ug/L	93
57) Isopropylbenzene	12.463	105	933063	27.34	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	191580	30.20	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	144162	30.10	ug/L	98
62) Bromoform	12.347	173	99334	25.99	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	409334	25.66	ug/L	96
64) 1,4-Dichlorobenzene	13.578	146	409914	25.47	ug/L	94
65) 1,2-Dichlorobenzene	13.871	146	379521	26.62	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	32480	25.21	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.627	180	294283	25.58	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	241546	24.68	ug/L	94
69) Naphthalene	15.365	128	524834	25.75	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	221894	25.98	ug/L	97

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

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