

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011121\
 Data File : VV019965.D
 Acq On : 11 Jan 2021 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 11 14:44:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	427159	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	414494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	224017	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	179302	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.569	69	141148	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	2.109	63	349898	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
21) 2-Butanone-d5	3.897	46	240208	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.354	84	323922	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
26) 1,2-Dichloroethane-d4	5.039	65	220233	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
32) Benzene-d6	5.055	84	593088	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.074	67	184948	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.28%
41) Toluene-d8	7.321	98	545701	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%
43) trans-1,3-Dichloroprop...	7.624	79	94830	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
47) 2-Hexanone-d5	8.093	63	156155	106.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	251144	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.630	152	218147	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	205958	49.90	ug/L	100
3) Chloromethane	1.241	50	196704	49.72	ug/L	100
5) Vinyl chloride	1.312	62	199073	49.73	ug/L	100
6) Bromomethane	1.524	94	124539	49.88	ug/L	98
8) Chloroethane	1.585	64	120231	48.79	ug/L	97
9) Trichlorofluoromethane	1.753	101	281807	50.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	153888	49.26	ug/L	95
12) 1,1-Dichloroethene	2.119	96	151851	50.40	ug/L	95
13) Acetone	2.190	43	175782	85.12	ug/L	99
14) Carbon disulfide	2.296	76	443738	49.58	ug/L	99
15) Methyl Acetate	2.437	43	178759	51.01	ug/L	100
16) Methylene chloride	2.511	84	160159	50.03	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	150993	50.01	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	495650	50.41	ug/L	98
19) 1,1-Dichloroethane	3.193	63	292123	50.60	ug/L	99
20) cis-1,2-Dichloroethene	3.916	96	161428	50.07	ug/L	96
22) 2-Butanone	3.981	43	251279	100.99	ug/L	99
23) Bromochloromethane	4.254	128	83597	49.61	ug/L	94
25) Chloroform	4.379	83	301658	49.70	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	258403	50.95	ug/L	99
29) Cyclohexane	4.682	56	248845	50.77	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	276477	50.71	ug/L	99
31) Carbon tetrachloride	4.833	117	236317	50.83	ug/L	99
33) Benzene	5.103	78	620592	51.58	ug/L	100
34) Trichloroethene	5.920	95	171421	49.72	ug/L	98
35) Methylcyclohexane	6.135	83	252393	51.22	ug/L	98
37) 1,2-Dichloropropane	6.180	63	162045	51.92	ug/L	98
38) Bromodichloromethane	6.514	83	224243	49.74	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	260561	53.32	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	496385	103.51	ug/L	98
42) Toluene	7.392	91	664354	51.85	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	253258	51.08	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	154105	50.24	ug/L	97
46) Tetrachloroethene	7.981	164	125225	50.58	ug/L	96
48) 2-Hexanone	8.145	43	387789	102.80	ug/L	99
49) Dibromochloromethane	8.251	129	169302	49.97	ug/L	99
50) 1,2-Dibromoethane	8.357	107	167595	50.92	ug/L #	99
51) Chlorobenzene	8.887	112	427658	50.39	ug/L	99
52) Ethylbenzene	9.016	91	750416	51.57	ug/L	100
53) m,p-Xylene	9.145	106	275323	51.80	ug/L	97
54) o-xylene	9.550	106	272561	52.09	ug/L	99
55) Styrene	9.566	104	477648	52.80	ug/L	100
56) Isopropylbenzene	9.936	105	737426	52.10	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	243527	50.71	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	209906	49.45	ug/L	100
61) Bromoform	9.736	173	114146	50.04	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	341715	50.83	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	352472	51.10	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	344466	50.86	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	61212	51.97	ug/L	93
67) 1,3,5-Trichlorobenzene	12.652	180	258324	51.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	234088	52.45	ug/L	99
69) Naphthalene	13.511	128	711705	55.13	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	230765	53.26	ug/L	99

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

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