

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011121\
 Data File : VV019962.D
 Acq On : 11 Jan 2021 12:43
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Jan 11 13:21:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	399471	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	386498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	211123	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	171295	54.30	ug/L	0.00
7) Chloroethane-d5	1.569	69	135137	53.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	329269	54.81	ug/L	0.00
21) 2-Butanone-d5	3.894	46	223737	98.78	ug/L	0.00
24) Chloroform-d	4.354	84	306851	51.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.039	65	208338	53.64	ug/L	0.00
32) Benzene-d6	5.055	84	559800	50.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	171418	47.35	ug/L	0.00
41) Toluene-d8	7.322	98	509814	51.23	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	90720	49.98	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	145238	98.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	238492	50.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	203979	50.27	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	197516	59.94	ug/L	99
3) Chloromethane	1.242	50	190841	49.81	ug/L	99
5) Vinyl chloride	1.312	62	191138	50.86	ug/L	98
6) Bromomethane	1.524	94	117044	51.15	ug/L	97
8) Chloroethane	1.586	64	119279	50.96	ug/L	100
9) Trichlorofluoromethane	1.753	101	266477	56.73	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	148793	56.31	ug/L	94
12) 1,1-Dichloroethene	2.119	96	143542	54.65	ug/L	92
13) Acetone	2.187	43	185884	103.39	ug/L	98
14) Carbon disulfide	2.296	76	424806	50.64	ug/L	100
15) Methyl Acetate	2.438	43	169940	47.54	ug/L	100
16) Methylene chloride	2.508	84	157387	49.05	ug/L	97
17) trans-1,2-Dichloroethene	2.762	96	143865	50.21	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	471184	48.99	ug/L	98
19) 1,1-Dichloroethane	3.193	63	276877	48.19	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	153020	48.96	ug/L	99
22) 2-Butanone	3.978	43	246951	99.37	ug/L	97
23) Bromochloromethane	4.251	128	79900	51.20	ug/L	93
25) Chloroform	4.380	83	292491	51.03	ug/L	99
27) 1,2-Dichloroethane	5.135	62	247348	52.11	ug/L	99
29) Cyclohexane	4.685	56	234864	47.60	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	265797	52.53	ug/L	99
31) Carbon tetrachloride	4.833	117	226870	54.13	ug/L	98
33) Benzene	5.103	78	589546	48.59	ug/L	100
34) Trichloroethene	5.917	95	160842	49.35	ug/L	99
35) Methylcyclohexane	6.135	83	240156	49.42	ug/L	98
37) 1,2-Dichloropropane	6.177	63	154769	47.74	ug/L	98
38) Bromodichloromethane	6.515	83	220643	51.11	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	240430	48.21	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	477144	98.25	ug/L	98
42) Toluene	7.392	91	627884	50.20	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	242803	49.48	ug/L	97

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45) 1,1,2-Trichloroethane	7.843	97	148192	49.27	ug/L	99
46) Tetrachloroethene	7.981	164	118109	53.30	ug/L	99
48) 2-Hexanone	8.142	43	367058	98.21	ug/L	99
49) Dibromochloromethane	8.251	129	165193	52.28	ug/L	99
50) 1,2-Dibromoethane	8.357	107	160374	50.53	ug/L	99
51) Chlorobenzene	8.888	112	405040	50.45	ug/L	99
52) Ethylbenzene	9.016	91	711906	50.36	ug/L	100
53) m,p-Xylene	9.145	106	261219	50.78	ug/L	98
54) o-xylene	9.550	106	259209	51.26	ug/L	97
55) Styrene	9.566	104	449741	51.46	ug/L	100
56) Isopropylbenzene	9.936	105	693095	51.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	235272	49.48	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	202666	48.78	ug/L	98
61) Bromoform	9.736	173	113542	51.44	ug/L	100
62) 1,3-Dichlorobenzene	11.186	146	324148	49.96	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	331258	49.59	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	327086	49.36	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	59439	48.21	ug/L	94
67) 1,3,5-Trichlorobenzene	12.653	180	247498	52.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	221357	52.77	ug/L	99
69) Naphthalene	13.511	128	672638	51.98	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	216625	53.06	ug/L	99

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

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