

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021783.D
 Acq On : 16 Aug 2021 11:08
 Operator : SY/MD
 Sample : VSTD20042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200242

Quant Time: Aug 17 03:52:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	445232	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	425310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	238431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	726245	201.474	ug/L	0.00
7) Chloroethane-d5	1.548	69	523438	196.320	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1171147	180.488	ug/L	0.00
21) 2-Butanone-d5	3.870	46	921721	502.369	ug/L	0.00
24) Chloroform-d	4.346	84	1249342	195.806	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	722131	182.285	ug/L	0.00
32) Benzene-d6	5.050	84	2515210	220.609	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	784488	227.499	ug/L	0.00
41) Toluene-d8	7.317	98	2337120	214.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	408973	222.289	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	591551	455.233	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1061149	211.628	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	985095	209.229	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	658103	152.131	ug/L	99
3) Chloromethane	1.240	50	697500	180.847	ug/L	100
5) Vinyl chloride	1.307	62	681096	174.324	ug/L	100
6) Bromomethane	1.497	94	262289	99.682	ug/L	97
8) Chloroethane	1.568	64	405743	173.941	ug/L	100
9) Trichlorofluoromethane	1.741	101	937909	141.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	546015	161.074	ug/L	100
12) 1,1-Dichloroethene	2.111	96	536379	173.106	ug/L	94
13) Acetone	2.159	43	469285	266.397	ug/L #	100
14) Carbon disulfide	2.288	76	1374906	153.853	ug/L	100
15) Methyl Acetate	2.423	43	481321	163.405	ug/L	95
16) Methylene chloride	2.503	84	500115	146.608	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	477209	153.038	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	1493537	155.919	ug/L	98
19) 1,1-Dichloroethane	3.185	63	862171	153.459	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	703362	209.769	ug/L	97
22) 2-Butanone	3.953	43	993772	470.642	ug/L	98
23) Bromochloromethane	4.246	128	371520	195.644	ug/L	98
25) Chloroform	4.375	83	1147928	185.146	ug/L	100
27) 1,2-Dichloroethane	5.130	62	810882	167.419	ug/L	99
29) Cyclohexane	4.677	56	1017460	224.167	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	1029473	181.465	ug/L	99
31) Carbon tetrachloride	4.828	117	911423	176.623	ug/L	100
33) Benzene	5.098	78	2509816	204.814	ug/L	100
34) Trichloroethene	5.911	95	679116	200.291	ug/L	99
35) Methylcyclohexane	6.133	83	1061567	209.968	ug/L	100
37) 1,2-Dichloropropane	6.175	63	647155	214.844	ug/L	100
38) Bromodichloromethane	6.509	83	881499	193.806	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	1086075	224.203	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	1771127	472.428	ug/L	99
42) Toluene	7.387	91	2697690	203.103	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	1021254	206.151	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	639315	197.571	ug/L	99
46) Tetrachloroethene	7.976	164	542639	184.733	ug/L	99
48) 2-Hexanone	8.140	43	1354782	462.157	ug/L	98
49) Dibromochloromethane	8.249	129	760327	195.551	ug/L	99
50) 1,2-Dibromoethane	8.352	107	705877	202.150	ug/L	100
51) Chlorobenzene	8.882	112	1770256	194.593	ug/L	100
52) Ethylbenzene	9.014	91	2909915	199.455	ug/L	100
53) m,p-Xylene	9.140	106	1151637	207.196	ug/L	100
54) o-Xylene	9.545	106	1131221	206.162	ug/L	98
55) Styrene	9.561	104	1936325	209.534	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	1001143	198.952	ug/L	98
59) Bromoform	9.731	173	588487	197.841	ug/L	99
60) Isopropylbenzene	9.934	105	2941986	199.963	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	793493	191.469	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	2564990	206.120	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	2628286	210.860	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	1476735	202.635	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	1474771	197.492	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	1472404	195.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	243184	202.914	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	1140337	203.600	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	1013680	219.793	ug/L	99
71) Naphthalene	13.503	128	3190762	247.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	993410	213.729	ug/L	100

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

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